

# Olga A Shilova

## List of Publications by Citations

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129  
papers

630  
citations

13  
h-index

17  
g-index

131  
ext. papers

709  
ext. citations

0.8  
avg, IF

4.15  
L-index

#	Paper	IF	Citations
129	Synthesis and structure features of composite silicate and hybrid TEOS-derived thin films doped by inorganic and organic additives. <i>Journal of Sol-Gel Science and Technology</i> , <b>2013</b> , 68, 387-410	2.3	33
128	Effect of the modification of barium titanate on the permittivity of its composites with cyanoethyl ester of polyvinyl alcohol. <i>Glass Physics and Chemistry</i> , <b>2011</b> , 37, 624-628	0.7	24
127	CoreShell Approach to Control AcidBase Properties of Surface of Dielectric and Permittivity of Its Composite. <i>Chemistry Letters</i> , <b>2015</b> , 44, 197-199	1.7	21
126	Sol-gel synthesis and investigation of proton-conducting hybrid organic-inorganic silicophosphate materials. <i>Glass Physics and Chemistry</i> , <b>2008</b> , 34, 68-76	0.7	21
125	Spark plasma sintering of nanopowders in the CeO <sub>2</sub> -Y <sub>2</sub> O <sub>3</sub> system as a promising approach to the creation of nanocrystalline intermediate-temperature solid electrolytes. <i>Ceramics International</i> , <b>2018</b> , 44, 19879-19884	5.1	20
124	Relationship between the composition of functional groups on the surface of hybrid silicophosphate membranes and their proton conductivity. <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 97-98	0.7	20
123	Preparation of zirconia-based nanoceramics with a high degree of tetragonality. <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 352-355	0.7	20
122	Synthesis of BaCe <sub>0.9-x</sub> Zr <sub>x</sub> Y <sub>0.1</sub> O <sub>3-<math>\delta</math></sub> nanopowders and the study of proton conductors fabricated on their basis by low-temperature spark plasma sintering. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 20345-20354	6.7	19
121	Bioactive coatings based on nanodiamond-modified epoxy siloxane sols for stone materials. <i>Inorganic Materials</i> , <b>2012</b> , 48, 702-708	0.9	19
120	Resistive humidity sensors based on proton-conducting organicInorganic silicophosphates doped by polyionenes. <i>Journal of Sol-Gel Science and Technology</i> , <b>2015</b> , 74, 472-481	2.3	14
119	Features of the synthesis and the study of nanocrystalline cobalt-nickel spinel. <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 106-113	0.7	14
118	Sol-gel synthesis and investigation of hybrid organic-inorganic borosilicate nanocomposites. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 218-227	0.7	14
117	Silicate nanosized films prepared by the sol-gel method for use in planar technology for fabricating semiconductor gas sensors. <i>Glass Physics and Chemistry</i> , <b>2005</b> , 31, 201-218	0.7	14
116	Liquid-phase synthesis and physicochemical properties of xerogels, nanopowders and thin films of the CeO <sub>2</sub> Y <sub>2</sub> O <sub>3</sub> system. <i>Russian Journal of Inorganic Chemistry</i> , <b>2016</b> , 61, 1061-1069	1.5	13
115	Ceramic nanocomposites based on oxides of transition metals for ionistors. <i>Glass Physics and Chemistry</i> , <b>2013</b> , 39, 570-578	0.7	11
114	Synthesis and physicochemical properties of a solid oxide nanocomposite based on a ZrO <sub>2</sub> Y <sub>2</sub> O <sub>3</sub> d <sub>2</sub> O <sub>3</sub> MgO system. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 505-511	0.7	11
113	Sol-gel preparation of protective and decorative coatings on wood. <i>Journal of Sol-Gel Science and Technology</i> , <b>2019</b> , 92, 474-483	2.3	10

112	Investigation of the structuring in the Sol-Gel systems based on tetraethoxysilane. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 448-459	0.7	10
111	Synthesis and Physicochemical Properties of Nanopowders and Ceramics in a CeO <sub>2</sub> -d <sub>2</sub> O <sub>3</sub> System. <i>Glass Physics and Chemistry</i> , <b>2018</b> , 44, 314-321	0.7	10
110	Synthesis and study of sensor oxide nanofilms in a ZrO <sub>2</sub> -CeO <sub>2</sub> system. <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 362-366	0.7	9
109	The sol-gel and hydrophobic properties of antifriction coatings for use in high-speed mini-turbogenerators. <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 319-323	0.7	9
108	Synthesis and investigation of nanoceramics based on cobalt metaniobate. <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 578-583	0.7	9
107	Small-angle neutron scattering study of the mesostructure of bioactive coatings for stone materials based on nanodiamond-modified epoxy siloxane sols. <i>Physics of the Solid State</i> , <b>2014</b> , 56, 105-113	0.8	9
106	Synthesis and comparative studies of xerogels, aerogels, and powders based on the ZrO <sub>2</sub> -Y <sub>2</sub> O <sub>3</sub> -H <sub>2</sub> O system. <i>Glass Physics and Chemistry</i> , <b>2017</b> , 43, 368-375	0.7	8
105	Comparative Study of Powders Based on the ZrO <sub>2</sub> -Y <sub>2</sub> O <sub>3</sub> -H <sub>2</sub> O System Obtained by Various Liquid Phase Methods of Synthesis. <i>Glass Physics and Chemistry</i> , <b>2018</b> , 44, 433-439	0.7	8
104	Improving the Safety of the Transportation System and Resource Conservation through the Introduction of Environmentally Safe Protective Coatings. <i>Glass Physics and Chemistry</i> , <b>2019</b> , 45, 1-9	0.7	7
103	Fractals, morphogenesis and triply periodic minimal surfaces in sol-gel-derived thin films. <i>Journal of Sol-Gel Science and Technology</i> , <b>2020</b> , 95, 599-608	2.3	7
102	Synthesis of Magnetic Nanopowders of Iron Oxide: Magnetite and Maghemite. <i>Russian Journal of Inorganic Chemistry</i> , <b>2020</b> , 65, 426-430	1.5	7
101	Modification of submicron barium titanate particles via sol-gel synthesis of interface layers of SiO <sub>2</sub> for fabrication of polymer-inorganic composites with improved dielectric properties. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 1594-1595	0.7	7
100	Influence of cryochemical and ultrasonic processing on the texture and thermal decomposition of xerogels and properties of nanoceramics in the ZrO <sub>2</sub> -Y <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> system. <i>Inorganic Materials</i> , <b>2017</b> , 53, 640-647	0.9	7
99	Environmentally Friendly Protective Coatings for Transport. <i>Herald of the Russian Academy of Sciences</i> , <b>2019</b> , 89, 279-286	0.7	6
98	Sol-gel synthesis and the study of the surface of epoxide-siloxane and epoxide-titanate coatings. <i>Glass Physics and Chemistry</i> , <b>2013</b> , 39, 540-547	0.7	6
97	The Influence of Low- and High-Molecular Hydroxyl-Containing Additives on the Stability of Sol-Gel Tetraethoxysilane-Based Systems and on the Structure of Hybrid Organic-Inorganic Coatings. <i>Glass Physics and Chemistry</i> , <b>2003</b> , 29, 378-389	0.7	6
96	Kinetics of structuring in the sol-gel systems based on tetraethoxysilane with organic additives: I. Sols. <i>Glass Physics and Chemistry</i> , <b>2005</b> , 31, 219-228	0.7	6
95	Composition and structure of platinum-containing thin composite films prepared from silica sols. <i>Russian Journal of Inorganic Chemistry</i> , <b>2017</b> , 62, 645-653	1.5	5

94	Synthesis and study of mesoporous xerogels and nanopowders of a metastable solid solution $97\text{ZrO}_2\text{BY}_2\text{O}_3$ for the fabrication of catalyst substrates. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 277-283	0.7	5
93	Composition, structure, and morphology of the surface of nanodimensional platinum-containing films obtained from sols. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 78-86	0.7	5
92	Hydroxyapatite/Anatase Photocatalytic Core-Shell Composite Prepared by Sol-Gel Processing. <i>Crystallography Reports</i> , <b>2018</b> , 63, 254-260	0.6	5
91	Synthesis and study of oxide and phosphor-silicate nanocomposites for the creation of new-generation supercapacitors. <i>Glass Physics and Chemistry</i> , <b>2012</b> , 38, 332-338	0.7	5
90	Synthesis of the study of solid solutions based on the $\text{ZrO}_2\text{-HfO}_2\text{-Y}_2\text{O}_3(\text{CeO}_2)$ system. <i>Glass Physics and Chemistry</i> , <b>2017</b> , 43, 464-470	0.7	5
89	Electroconducting ceramics based on $\text{In}_2\text{O}_3$ , $\text{CdO}$ , and $\text{LaCrO}_3$ . <i>Glass Physics and Chemistry</i> , <b>2017</b> , 43, 276-281	0.7	5
88	Influence of the composition and structure of epoxy siloxane matrix on the spectral behavior of the Nile red dye: I. Sol-gel system based on tetraethoxysilane and a mixture of epoxy resins. <i>Glass Physics and Chemistry</i> , <b>2009</b> , 35, 87-93	0.7	5
87	Investigation into the surface morphology of nanosized silicate and hybrid films by optical and atomic-force microscopy. <i>Glass Physics and Chemistry</i> , <b>2007</b> , 33, 306-314	0.7	5
86	Ways of Controlling Structure and Properties of Sol-Gel-Derived Hybrid Micro- and Nanocomposite Materials. <i>Advances in Science and Technology</i> , <b>2006</b> , 45, 793-798	0.1	5
85	Specific features of the structure of sol-gel silicate films doped with Mn and Pt. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 228-233	0.7	5
84	Investigation of the physicochemical properties, structure, and composition of nanosized borosilicate films prepared by the sol-gel method. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 460-470	0.7	5
83	Bimetallic Pt/Pd nanoparticles in sol-gel-derived silica films and xerogels. <i>Journal of Sol-Gel Science and Technology</i> , <b>2019</b> , 92, 367-375	2.3	4
82	Using the Sol-Gel Technology for the Treatment of Barley Seeds. <i>Glass Physics and Chemistry</i> , <b>2018</b> , 44, 26-32	0.7	4
81	Improving the Bioresistance of Silica-Organic Coatings by Introducing Soft Biocides Based on Intracomplex Compounds of Triethanolamine. <i>Glass Physics and Chemistry</i> , <b>2019</b> , 45, 372-378	0.7	4
80	Modification of the glass surface by titanium dioxide films synthesized through the sol-gel method. <i>Glass Physics and Chemistry</i> , <b>2011</b> , 37, 150-156	0.7	4
79	Specific features of structuring of film-forming silica sols in the presence of boric acid and four-arm polyol with hyperbranched structure. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 2128-2134	0.8	4
78	Sol-gel synthesis and fluorescence properties of hybrid nanocomposite materials doped with the Nile Red dye. <i>Glass Physics and Chemistry</i> , <b>2008</b> , 34, 63-67	0.7	4
77	SOL-GEL TECHNOLOGY FOR PREPARATION OF SPIN-ON GLASS FILMS IN A CYCLE OF MANUFACTURING GAS SENSORS <b>2003</b> ,		4

76	Study of the lyophilic properties and cytotoxicity of nanostructured bioceramics based on the $ZrO_2\text{-}2O_3\text{-}H_2O$ and $ZrO_2\text{-}2O_3\text{-}Al_2O_3$ systems. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 609-614	0.7	4
75	Sol-gel synthesis and study of the hydrophobicity of coatings prepared using modified aerosols. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 194-201	0.7	4
74	Porous ceramics based on the $ZrO_2\text{-}(Y_2O_3)\text{-}Al_2O_3$ system for filtration membranes. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 408-413	0.7	4
73	Liquid-Phase Synthesis and Investigation of Powders Based on Zirconium Dioxide. <i>Glass Physics and Chemistry</i> , <b>2018</b> , 44, 626-631	0.7	4
72	Influence of Silica Sols and Magnetic Nanopowders of Iron Oxides on Barkley Seeds during Their Interaction with Water. <i>Russian Journal of Inorganic Chemistry</i> , <b>2020</b> , 65, 626-629	1.5	3
71	Preparation and Characterization of Nanoceramics for Solid Oxide Fuel Cells. <i>Inorganic Materials</i> , <b>2018</b> , 54, 79-86	0.9	3
70	Effect of biocidal additives on the mesostructure of epoxy-siloxane bioactive coatings. <i>Journal of Surface Investigation</i> , <b>2016</b> , 10, 113-122	0.5	3
69	Effect of t-ZrO <sub>2</sub> -Based Ceramic Samples on the Condition of Muscular and Connecting Tissues in Experimental Animals with Intramuscular Introduction. <i>Inorganic Materials: Applied Research</i> , <b>2019</b> , 10, 1109-1114	0.6	3
68	The formation and study of sensor thin layers based on zirconium and rare earth metal (Ce, Y, and Tb) oxides and the preparation of metal-oxide-semiconductor structures based on them. <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 629-634	0.7	3
67	Improvement of dielectric characteristics of cyanoethyl ether of polyvinyl alcohol-BaTiO <sub>3</sub> composites by modifying filler surface. <i>Glass Physics and Chemistry</i> , <b>2013</b> , 39, 597-601	0.7	3
66	Heterogeneous Sol-Gel Systems Derived Ceramics. <i>Advances in Science and Technology</i> , <b>2010</b> , 63, 131-140.1	0.1	3
65	Thermal stability of proton-conducting silicophosphate materials formed by sol-gel method. <i>Russian Journal of Electrochemistry</i> , <b>2009</b> , 45, 609-614	1.2	3
64	Influence of a high-frequency field on the formation of photosensitive thin-film materials synthesized by the sol-gel method. <i>Glass Physics and Chemistry</i> , <b>2007</b> , 33, 340-343	0.7	3
63	Investigation into the influence of organic modifiers and ultradispersed hybrid fillers on the structure and properties of glass-ceramic coatings prepared by the sol-gel method. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 439-447	0.7	3
62	Evolution of the properties of sol-gel derived hybrid organic-inorganic xerogels and coatings in the course of heat treatment. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 656-665	0.7	3
61	Formation of Catalytic Layers from Tetraethoxysilane-Based Sols for Use in Polymer Fuel Cells. <i>Glass Physics and Chemistry</i> , <b>2004</b> , 30, 98-100	0.7	3
60	Biogenic Crystal Genesis on a Carbonate Rock Monument Surface: The Main Factors and Mechanisms, the Development of Nanotechnological Ways of Inhibition <b>2011</b> , 401-413		3
59	Current state and prospects of manufacturing and operation of methane-based fuel cells (review). <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 1-19	0.7	3

58	Neodymium nickelate as a cathode material for fuel cells. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 95-99	0.7	3
57	On the influence of detonation nanodiamond dopants on phase content and hydration features of portland cement materials. <i>Glass Physics and Chemistry</i> , <b>2015</b> , 41, 206-211	0.7	2
56	The dual role of SiO <sub>2</sub> as a pore former and sintering aid in the preparation of the porous ceramic in ZrO <sub>2</sub> -In <sub>2</sub> O <sub>3</sub> system. <i>Glass Physics and Chemistry</i> , <b>2015</b> , 41, 431-436	0.7	2
55	Study of rheological properties of sol-gel systems based on tetraethoxysilanes in the presence of boric acid, gadolinium nitrate, and organic polyols. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 50-58	0.7	2
54	Synthesis and study of nanoceramics of the spinel class. <i>Glass Physics and Chemistry</i> , <b>2015</b> , 41, 650-655	0.7	2
53	Sol-Gel synthesis of solid solutions based on zirconium and hafnium dioxides. <i>Glass Physics and Chemistry</i> , <b>2011</b> , 37, 505-511	0.7	2
52	Investigation of the parameters of layers prepared through diffusion of boron and gadolinium from silicate and hybrid films into silicon wafers. <i>Glass Physics and Chemistry</i> , <b>2009</b> , 35, 102-111	0.7	2
51	Investigation of the surface of silica films doped with Fe and Co. <i>Glass Physics and Chemistry</i> , <b>2009</b> , 35, 479-483	0.7	2
50	Features of simultaneous diffusion of boron and gadolinium in silicon from nanoscale hybrid organic-inorganic films. <i>Semiconductors</i> , <b>2009</b> , 43, 1394-1399	0.7	2
49	Physicochemical and electrophysical properties of glass-ceramic composite coatings prepared from doped silica sol-chromium oxide sol-gel systems. <i>Glass Physics and Chemistry</i> , <b>2010</b> , 36, 446-454	0.7	2
48	Kinetics of structuring in the sol-gel systems based on tetraethoxysilane with organic additives: II. Gels. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 666-673	0.7	2
47	Synthesis of Porous Inorganic Materials from Sol-Gel Precursors by Cryochemical Sublimation. <i>Glass Physics and Chemistry</i> , <b>2005</b> , 31, 352-355	0.7	2
46	Structure and proton conductivity of a hydrated Nafion-115 membrane. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 637-639	0.7	2
45	Electrochemical synthesis of polythiophene-polyacrylamide composite coatings used for pseudocapacitors. <i>Glass Physics and Chemistry</i> , <b>2016</b> , 42, 635-636	0.7	2
44	Influence of Xerogel Synthesis Conditions in the ZrO <sub>2</sub> -In <sub>2</sub> O <sub>3</sub> -CeO <sub>2</sub> System on the Properties of Powders and Ceramics Based on Them. <i>Glass Physics and Chemistry</i> , <b>2020</b> , 46, 176-180	0.7	1
43	Synthesis and Research of Functional Layers Based on Titanium Dioxide Nanoparticles and Silica Sols Formed on the Surface of Seeds of Chinese Cabbage. <i>Russian Journal of Applied Chemistry</i> , <b>2020</b> , 93, 25-34	0.8	1
42	Development and Research of Electroactive Pseudocapacitor Electrode Pastes Based on MnO <sub>2</sub> . <i>Glass Physics and Chemistry</i> , <b>2020</b> , 46, 96-101	0.7	1
41	Methods and Approaches of the Sol-gel Technology for the Surface Modification of Aluminum Oxide Powders. <i>Glass Physics and Chemistry</i> , <b>2017</b> , 43, 571-584	0.7	1

40	Synthesis and study of solid solutions based on indium oxide in the $\text{In}_2\text{O}_3\text{-ZrO}_2(\text{HfO}_2)$ systems as a material for fuel cell interconnectors. <i>Inorganic Materials: Applied Research</i> , <b>2016</b> , 7, 658-663	0.6	1
39	Composite materials based on oxides of d and f elements and carbon layers. <i>Inorganic Materials: Applied Research</i> , <b>2017</b> , 8, 254-259	0.6	1
38	Synthesis and study of film-forming composites based on silica sols and dispersed oxides for the fabrication of glass ceramic electro-insulating coatings. <i>Glass Physics and Chemistry</i> , <b>2015</b> , 41, 607-614	0.7	1
37	Electrophoresis in the sol-gel formation of heterophase thin-film coatings. <i>Glass Physics and Chemistry</i> , <b>2011</b> , 37, 545-548	0.7	1
36	Properties of proton-conducting materials formed by the sol-gel method. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 986-990	0.8	1
35	Influence of the composition and structure of epoxy siloxane matrix on the spectral behavior of the Nile red dye: II. Sol-gel system based on tetraethoxysilane and glycidoxypropyltrimethoxysilane. <i>Glass Physics and Chemistry</i> , <b>2009</b> , 35, 170-175	0.7	1
34	Development of the technology for preparing and storing hydrogen with the use of nanostructured materials for an autonomous integrated wind power plant. <i>Glass Physics and Chemistry</i> , <b>2009</b> , 35, 491-503	0.7	1
33	Sol-gel film structures based on titanate ferroelectric nanoparticles <b>2009</b> ,		1
32	The Influence of Ultrasonic Treatment on the Gelation in a Tetraethoxysilane-Boric Acid System. <i>Glass Physics and Chemistry</i> , <b>2004</b> , 30, 471-472	0.7	1
31	Comparative Characteristics of Xerogels Based on Zirconium Dioxide Obtained by the Method of Joint Deposition of Hydroxides in a Volume and a Microreactor with Counter Swirled Flows. <i>Glass Physics and Chemistry</i> , <b>2021</b> , 47, 653-656	0.7	1
30	Liquid-Phase Synthesis and Physical and Chemical Properties of Ceramic Electrolyte Nanomaterials in the $\text{CeO}_2\text{-Sm}_2\text{O}_3$ System for Solid Oxide Fuel Cells. <i>Inorganic Materials: Applied Research</i> , <b>2020</b> , 11, 1229-1235	0.6	1
29	Microbiologically induced deterioration and environmentally friendly protection of wood products <b>2022</b> , 283-321		1
28	Heat-Resistant Protective Organosilicate Coatings for Nuclear Energy. <i>Glass Physics and Chemistry</i> , <b>2020</b> , 46, 357-359	0.7	1
27	Development and Research on Ion-Conducting Membranes Based on Cross-Linked Polyvinyl Alcohol. <i>Glass Physics and Chemistry</i> , <b>2021</b> , 47, 173-180	0.7	1
26	Controlling the Sorption Activity of Clinoptilolites with Mechanical Activation. <i>Inorganic Materials</i> , <b>2021</b> , 57, 399-408	0.9	1
25	Structure, Properties, and Phytoprotective Functions of Titanium Dioxide Nanopowders and Their Aqueous Suspensions. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 765-772	1.5	1
24	Application of $\text{BaTiO}_3/\text{CoFe}_2\text{O}_4/\text{Bi}_2\text{O}_3$ Structure to Control the Electrical Properties of Composites. <i>Glass Physics and Chemistry</i> , <b>2019</b> , 45, 513-517	0.7	1
23	Production of Chemically Pure Zirconia-Based Nanoceramics in the $\text{ZrO}_2(\text{Y}_2\text{O}_3)\text{-Al}_2\text{O}_3$ System for Restorative Dentistry. <i>Theoretical Foundations of Chemical Engineering</i> , <b>2019</b> , 53, 848-854	0.9	1

22	Synthesis and Sensor Characteristics of Nanoscale Thin Films in the $\text{In}_2\text{O}_3/\text{SnO}_2$ and $\text{Y}_2\text{O}_3/\text{TiO}_2/\text{CeO}_x$ Systems. <i>Inorganic Materials: Applied Research</i> , <b>2020</b> , 11, 441-447	0.6	1
21	Obtaining $\text{ZrO}_2$ mol % $\text{Y}_2\text{O}_3$ Ceramics with Various Degrees of Tetragonality and Studying Low Temperature Degradation. <i>Glass Physics and Chemistry</i> , <b>2021</b> , 47, 382-389	0.7	1
20	Effect of Liquid-Phase Synthesis Method of Nanopowders on Microstructure and Physicochemical Properties of Ceramics in $\text{CeO}_2/\text{MgO}$ System. <i>Inorganic Materials: Applied Research</i> , <b>2022</b> , 13, 501-507	0.6	1
19	Investigating the Relationship between the Conditions of Polythiophene Electrosynthesis and the Pseudocapacitive Properties of Polythiophene-Based Electrodes. <i>Glass Physics and Chemistry</i> , <b>2019</b> , 45, 281-290	0.7	0
18	Partially stabilized zirconium dioxide xerogels and nanocrystalline ceramics for restorative dentistry. <i>Inorganic Materials: Applied Research</i> , <b>2015</b> , 6, 485-492	0.6	0
17	Preparation and properties of porous ceramics based on alumomagnesium spinel and zirconium dioxide. <i>Inorganic Materials: Applied Research</i> , <b>2017</b> , 8, 781-787	0.6	0
16	Chemistry and Manufacturing Technology of Electronic Ink for Electrophoretic Displays (A Review). <i>Russian Journal of Inorganic Chemistry</i> , <b>2020</b> , 65, 1985-2005	1.5	0
15	Synthesis and Research Using Computer Simulation of Proton-Conducting Solid Electrolytes Based on Hafnate and Barium Zirconate. <i>Glass Physics and Chemistry</i> , <b>2021</b> , 47, 366-371	0.7	0
14	Improvement of the Physicomechanical and Corrosion-Protective Properties of Coatings Based on a Cycloaliphatic Epoxy Matrix. <i>Russian Journal of Applied Chemistry</i> , <b>2021</b> , 94, 1489-1498	0.8	0
13	Morphology and Structure of a Charge of Detonation Nanodiamond Doped with Boron. <i>Glass Physics and Chemistry</i> , <b>2022</b> , 48, 43-49	0.7	0
12	Biocorrosion, Biofouling, and Advanced Methods of Controlling Them. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2022</b> , 58, 129-150	0.9	0
11	Proton-Conducting Ceramics Based on Barium Hafnate and Cerate Doped with Zirconium, Yttrium, and Ytterbium Oxides for Fuel Cell Electrolytes. <i>Inorganic Materials: Applied Research</i> , <b>2021</b> , 12, 1265-1270	0.6	0
10	Sol-Gel Derived $\text{TiO}_2$ and Epoxy-Titanate Protective Coatings: Structure, Property, Fungicidal Activity and Biomineralization Effects. <i>Lecture Notes in Earth System Sciences</i> , <b>2020</b> , 619-638	0.4	
9	Effect of Highly Porous Bioceramics Based on $\text{ZrO}_2/\text{TiO}_2/\text{CeO}_2$ System on the Biological Tissues of Experimental Animals. <i>Inorganic Materials: Applied Research</i> , <b>2021</b> , 12, 370-376	0.6	
8	Development of a Pt@C-Based Functional Composite Catalytic Material for Solid-Polymer Fuel Cell Electrodes. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 773-776	1.5	
7	Preparation and Study of Porous Ceramics Based on Zirconium Dioxide for Endoprosthesis. <i>Glass Physics and Chemistry</i> , <b>2019</b> , 45, 551-554	0.7	
6	The Development of Ion-Conducting Hybrid Membranes Based on Cross-Linked Poly(vinyl alcohol) Using a Latin Square. <i>Glass Physics and Chemistry</i> , <b>2021</b> , 47, 49-55	0.7	
5	Binary Inhibitory Anti-Rust Paint. <i>E3S Web of Conferences</i> , <b>2021</b> , 225, 05006	0.5	



- 4 Study of the Color Characteristics of Organosilicate Coatings with Various Pigments Under a Tropical Marine Climate. *Glass Physics and Chemistry*, **2021**, 47, 671-675 0.7
- 3 Sol-Gel Synthesis and Structure of Nanocomposites Based on Tetraethoxysilane and Boron Compounds. *Glass Physics and Chemistry*, **2021**, 47, S48-S62 0.7
- 2 Synthesis of Iron Oxide Magnetic Nanoparticles and Their Effect on Growth, Productivity, and Quality of Tomato. *Glass Physics and Chemistry*, **2021**, 47, S67-S74 0.7
- 1 Synthesis and Investigation of Ceramic Materials for Medium-Temperature Solid Oxide Fuel Cells