

Tatiana Lipateva

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Direct Laser Writing of LaBGeO ₅ Crystal-in-Glass Waveguide Enabling Frequency Conversion. <i>Crystal Growth and Design</i> , 2017, 17, 4670-4675.	3.0	29
2	Direct femtosecond laser-induced formation of CdS quantum dots inside silicate glass. <i>Optics Letters</i> , 2018, 43, 2519.	3.3	18
3	Direct laser writing of depressed-cladding waveguides in extremely low expansion lithium aluminosilicate glass-ceramics. <i>Optics and Laser Technology</i> , 2021, 138, 106846.	4.6	16
4	Ultrafast-laser vitrification of laser-written crystalline tracks in oxide glasses. <i>Journal of Non-Crystalline Solids</i> , 2019, 516, 1-8.	3.1	15
5	Growth of Fresnoite Single Crystal Tracks Inside Glass Using Femtosecond Laser Beam Followed by Heat Treatment. <i>Crystal Growth and Design</i> , 2018, 18, 7183-7190.	3.0	14
6	Crystal-in-glass architecture engineering: writing, erasing and rewriting by a femtosecond laser beam. <i>CrystEngComm</i> , 2018, 20, 3011-3015.	2.6	13
7	Femtosecond laser-induced birefringent microdomains in sodium borate glass for highly secure data storage. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4297-4303.	3.8	13
8	Formation of Luminescent and Birefringent Microregions in Phosphate Glass Containing Silver. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2016, 73, 277-282.	0.6	11
9	Ultrafast Laser-Induced Crystallization of Lead Germanate Glass. <i>Crystals</i> , 2021, 11, 193.	2.2	9
10	Local laser-induced crystallization of lanthanum boron germanate glass near LaBGeO ₅ composition. <i>Proceedings of SPIE</i> , 2011, , .	0.8	8
11	Formation of crystalline dots and lines in lanthanum borogermanate glass by the low pulse repetition rate femtosecond laser. <i>Proceedings of SPIE</i> , 2015, , .	0.8	8
12	Space-selective crystallization of glass by an optical vortex beam. <i>CrystEngComm</i> , 2020, 22, 430-434.	2.6	7
13	Precision Laser Welding of Silica Glass with Iron-Nickel Alloy. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2021, 78, 409-411.	0.6	5
14	Femtosecond Laser Assisted Local Crystallization of Barium-Titanate-Silicate Glass. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2018, 74, 423-427.	0.6	4
15	Early Stages of Crystallization of Lanthanum-Borogermanate Glass by a Femtosecond Laser Beam. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2018, 75, 213-216.	0.6	4
16	Effect of Heat Treatment Conditions on the Properties of Nanoporous Glasses Activated by Gold Nanoparticles. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2021, 77, 419-421.	0.6	4
17	Specifics of the Crystallization of Lanthanum Borogermanate Glass by a Femtosecond Laser Beam. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2017, 73, 441.	0.6	3
18	Laser Writing of Crystalline Structures in Lithium-Niobium-Germanate Glasses. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2021, 77, 409-411.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Copper-Vapor Laser Induced Local Crystallization of Glasses in the System $\text{Li}_2\text{O}-\text{B}_2\text{O}_3-\text{GeO}_2$. Glass and Ceramics (English Translation of Steklo I Keramika), 2015, 72, 153-158.	0.6	1
20	Space-selective modification of Au-doped optical grade glass by the femtosecond laser beam. , 2015, , .		1
21	Laser Writing of Polarization-Dependent Birefringence in Sodium-Borate Glasses. Glass and Ceramics (English Translation of Steklo I Keramika), 2021, 77, 445-447.	0.6	1
22	Hollow Channel Formation inside Sodium Aluminoborate Glass by Femtosecond Laser Writing and Distilled Water Etching. Materials, 2021, 14, 5495.	2.9	0