

# Kseniia N Bardakova

## List of Publications by Citations

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29  
papers

275  
citations

10  
h-index

15  
g-index

29  
ext. papers

322  
ext. citations

2.5  
avg, IF

2.75  
L-index

#	Paper	IF	Citations
29	Novel biodegradable star-shaped polylactide scaffolds for bone regeneration fabricated by two-photon polymerization. <i>Nanomedicine</i> , <b>2016</b> , 11, 1041-53	5.6	58
28	Two-Photon-Induced Microstereolithography of Chitosan-g-Oligolactides as a Function of Their Stereochemical Composition. <i>Polymers</i> , <b>2017</b> , 9,	4.5	26
27	Solid-state synthesis of unsaturated chitosan derivatives to design 3D structures through two-photon-induced polymerization. <i>Mendeleev Communications</i> , <b>2015</b> , 25, 280-282	1.9	24
26	Compatibility of cells of the nervous system with structured biodegradable chitosan-based hydrogel matrices. <i>Applied Biochemistry and Microbiology</i> , <b>2016</b> , 52, 508-514	1.1	19
25	From Aggregates to Porous Three-Dimensional Scaffolds through a Mechanochemical Approach to Design Photosensitive Chitosan Derivatives. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	14
24	Flavin mononucleotide photoinitiated cross-linking of hydrogels: Polymer concentration threshold of strengthening. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 341, 108-114	4.7	13
23	Tailoring the collagen film structural properties via direct laser crosslinking of star-shaped polylactide for robust scaffold formation. <i>Materials Science and Engineering C</i> , <b>2020</b> , 107, 110300	8.3	13
22	Solvent-free synthesis and characterization of allyl chitosan derivatives.. <i>RSC Advances</i> , <b>2019</b> , 9, 20968-20975	9.75	12
21	Chitosan-g-oligo(L,L-lactide) copolymer hydrogel for nervous tissue regeneration in glutamate excitotoxicity: in vitro feasibility evaluation. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> , 15, 015011	3.5	12
20	Chitosan--oligo(L,L-lactide) Copolymer Hydrogel Potential for Neural Stem Cell Differentiation. <i>Tissue Engineering - Part A</i> , <b>2020</b> , 26, 953-963	3.9	10
19	Reinforced Hybrid Collagen Sponges for Tissue Engineering. <i>Bulletin of Experimental Biology and Medicine</i> , <b>2018</b> , 165, 142-147	0.8	9
18	Solid state synthesis of chitosan and its unsaturated derivatives for laser microfabrication of 3D scaffolds. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2015</b> , 87, 012079	0.4	8
17	Novel Biocompatible Material Based on Solid-State Modified Chitosan for Laser Stereolithography. <i>Sovremennye Tehnologii V Medicine</i> , <b>2015</b> , 7, 20-31	1.2	8
16	Robust thermostable polymer composition based on poly[N,N'-(1,3-phenylene)isophthalamide] and 3,3-bis(4-acrylamidophenyl)phthalide for laser 3D printing. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 223-225	1.9	5
15	Fabrication of microstructured materials based on chitosan and its derivatives using two-photon polymerization. <i>High Energy Chemistry</i> , <b>2015</b> , 49, 300-303	0.9	5
14	UV-laser formation of 3D structures based on thermally stable heterochain polymers. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46463	2.9	5
13	Fabrication of microstructured materials based on chitosan and D,L-lactide copolymers using laser-induced microstereolithography. <i>High Energy Chemistry</i> , <b>2016</b> , 50, 389-394	0.9	5

12	Chitosan-g-lactide copolymers for fabrication of 3D scaffolds for tissue engineering. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2015</b> , 87, 012074	0.4	5
11	3D printing biodegradable scaffolds with chitosan materials for tissue engineering. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 347, 012009	0.4	4
10	Long-Term Neurological and Behavioral Results of Biodegradable Scaffold Implantation in Mice Brain. <i>Sovremennye Tehnologii V Medicine</i> , <b>2016</b> , 8, 198-211	1.2	3
9	Coating of polylactide films by chitosan: Comparison of methods. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 48287	2.9	3
8	Approach to tune drug release in particles fabricated from methacrylate functionalized polylactides. <i>Molecular Systems Design and Engineering</i> , <b>2021</b> , 6, 202-213	4.6	3
7	Elaboration of a bacterial cellulose matrix for the immobilisation of Escherichia coli cells. <i>International Journal of Nanotechnology</i> , <b>2018</b> , 15, 288	1.5	3
6	SUPERCRITICAL FLUID TREATMENT OF THREE-DIMENSIONAL HYDROGEL MATRICES, COMPOSED OF CHITOSAN DERIVATIVES. <i>Vestnik Transplantologii I Iskusstvennykh Organov</i> , <b>2016</b> , 18, 85-93	0.3	2
5	A Hydrophobic Derivative of Ciprofloxacin as a New Photoinitiator of Two-Photon Polymerization: Synthesis and Usage for the Formation of Biocompatible Polylactide-Based 3D Scaffolds. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
4	Features of structures formation on the basis of chitosan derivatives by a prototype of 263 nm laser stereolithograph. <i>Journal of Physics: Conference Series</i> , <b>2016</b> , 737, 012046	0.3	1
3	Three-Dimensional Printing of Tetrafunctional Polylactide Using Ciprofloxacin Derivatives as Photoinitiators. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , <b>2020</b> , 84, 1406-1410	0.4	1
2	Supercritical Fluid Treatment of Three-Dimensional Hydrogel Matrices Obtained from Allylchitosan by Laser Stereolithography. <i>Russian Journal of Physical Chemistry B</i> , <b>2018</b> , 12, 1144-1151	1.2	1
1	4D Printing of Shape-Memory Semi-Interpenetrating Polymer Networks Based On Aromatic Heterochain Polymers. <i>Advanced Materials Technologies</i> , 2100790	6.8	1