

Olga Nazarova

List of Publications by Year in descending order

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54
papers

1,089
citations

758635

12
h-index

414034

32
g-index

54
all docs

54
docs citations

54
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Vectors for Gene Therapy Formed by Self-Assembly of DNA with Synthetic Block Co-Polymers. <i>Human Gene Therapy</i> , 1996, 7, 2123-2133.	1.4	370
2	Polyelectrolyte Vectors for Gene Delivery: Influence of Cationic Polymer on Biophysical Properties of Complexes Formed with DNA. <i>Bioconjugate Chemistry</i> , 1999, 10, 993-1004.	1.8	239
3	DNA-polycation complexes Effect of polycation structure on physico-chemical and biological properties. <i>Journal of Biotechnology</i> , 2007, 127, 679-693.	1.9	73
4	Influence of hydrophilicity of cationic polymers on the biophysical properties of polyelectrolyte complexes formed by self-assembly with DNA. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1475, 245-255.	1.1	61
5	Water-soluble aldehyde-bearing polymers of 2-deoxy-2-methacrylamido-D-glucose for bone tissue engineering. <i>Journal of Applied Polymer Science</i> , 2008, 108, 2386-2397.	1.3	45
6	DNA Interaction with Complex Ions in Solution. <i>Langmuir</i> , 1999, 15, 7912-7917.	1.6	24
7	Hydrodynamic Behavior of Dendrigrft Polylysines in Water and Dimethylformamide. <i>Polymers</i> , 2012, 4, 20-31.	2.0	24
8	DNA interaction with synthetic polymers in solution. <i>Structural Chemistry</i> , 2007, 18, 519-525.	1.0	23
9	Copolymerizations of N-vinylpyrrolidone and activated esters of unsaturated acids. <i>European Polymer Journal</i> , 1992, 28, 97-100.	2.6	17
10	Mechanism of formation of silver nanoparticles in MAG-DMAEMA copolymer aqueous solutions. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	17
11	Model system for multifunctional delivery nanoplatforms based on DNA-Polymer complexes containing silver nanoparticles and fluorescent dye. <i>Journal of Biotechnology</i> , 2016, 236, 78-87.	1.9	16
12	Copolymers of 2-Deoxy-2-Methacrylamido-D-Glucose with Aminoacrylates and Allylamine Hydrochloride. <i>Journal of Carbohydrate Chemistry</i> , 2009, 28, 39-52.	0.4	13
13	Conformation properties of poly(N,N-dimethylaminoethyl methacrylate) macromolecules in various solvents. <i>Russian Journal of Applied Chemistry</i> , 2012, 85, 417-425.	0.1	12
14	Silver nanocomposites based on (Co)polymers of 2-deoxy-2-methacrylamido-D-glucose, N-vinylamides, and aminoacrylates. <i>Doklady Chemistry</i> , 2012, 446, 212-214.	0.2	11
15	Conformational and dynamic characteristics of copolymers of N,N-dimethylaminoethyl methacrylate and 2-deoxy-2-methacrylamido-D-glucose. <i>Polymer Science - Series A</i> , 2014, 56, 405-413.	0.4	10
16	Polymeric derivatives of dipterocarpol, a dammarane triterpenoid. <i>Russian Journal of Applied Chemistry</i> , 2006, 79, 654-659.	0.1	8
17	Synthesis of complexes of N-vinylpyrrolidone-vinylamine or N-vinylpyrrolidone-allylamine containing macrocyclic polyligand 1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetate (DOTA) with gallium-68 isotope and estimation of their in vivo distribution. <i>Russian Chemical Bulletin</i> , 2017, 66, 156-163.	0.4	8
18	Water-soluble polymer derivatives of cholesterol. <i>Polymer Science - Series B</i> , 2010, 52, 648-655.	0.3	7

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19	In vitro release of chloramphenicol from poly[N-(2-hydroxypropyl)methacrylamide] carriers by Cathepsin B. Collection of Czechoslovak Chemical Communications, 1988, 53, 1078-1085.	1.0	7
20	Relaxation properties and complex formation of copolymers of 2-deoxy-2-methacrylamido-D-glucose and unsaturated acids. Polymer Science - Series A, 2013, 55, 171-176.	0.4	6
21	Complexation of N-vinylpyrrolidone-N-allylamine copolymer with perrhenate ion in aqueous solutions. Doklady Chemistry, 2015, 462, 137-140.	0.2	6
22	Structural and dynamic characteristics of thermo- and pH-sensitive copolymers of 2-(diethylamino)ethyl methacrylate and 2-deoxy-2-methacrylamido- β -D-glucose. Polymer, 2015, 77, 246-253.	1.8	6
23	Synthesis and Polar and Electrooptical Properties of a Butylamine Derivative of Fullerene C60. Russian Journal of General Chemistry, 2005, 75, 751-758.	0.3	5
24	Synthetic polycation: Polynucleotide interactions determined using liquid chromatography with short monolithic columns. Journal of Separation Science, 2009, 32, 2674-2681.	1.3	5
25	Copolymers of 2-deoxy-2-methacrylamido-D-glucose and unsaturated acids. Polymer Science - Series B, 2009, 51, 321-326.	0.3	5
26	DNA-polymer complexes for gene therapy. Polymer Science - Series C, 2012, 54, 57-68.	0.8	5
27	Polyelectrolyte behavior of copolymers of 2-deoxy-2-methacrylamido- β -D-glucose with cationic comonomers in water and dimethylsulfoxide solutions. European Polymer Journal, 2016, 83, 22-34.	2.6	5
28	Synthesis, Immunomodulating and Antitumor Activities of Copolymers of Dialkylaminoethyl Methacrylates and Vinylsaccharides. Pharmaceutical Chemistry Journal, 2017, 51, 245-249.	0.3	4
29	Macroporous monolithic columns modified with cholesterol-containing glycopolymer for cholesterol solid-phase extraction. Mendeleev Communications, 2018, 28, 340-342.	0.6	4
30	Copolymers of 4-Acryloylmorpholine with 2-Dimethyl- and 2-Diethylaminoethyl Methacrylate and Silver-Containing Nanocomposites Based on Them. Russian Journal of Applied Chemistry, 2018, 91, 623-628.	0.1	4
31	pH- and thermosensitive copolymers of 4-acryloylmorpholine and 2-dialkylaminoethyl methacrylates and silver-containing nanocomposites based on these copolymers. Materials Today Communications, 2019, 19, 196-203.	0.9	4
32	New water-soluble copolymers of methacryloyloxyethyl phosphorylcholine for surface modification. Journal of Applied Polymer Science, 2021, 138, 50272.	1.3	4
33	Grafting of poly-N-methacryloylaminodeoxyglucose on poly-N-vinylpyrrolidone. Russian Journal of Applied Chemistry, 2004, 77, 1341-1344.	0.1	3
34	Molecular Characteristics of Star-Like Polyvinylpyrrolidone with Fullerene C60 as the Branching Site in Dilute Solutions. Russian Journal of Applied Chemistry, 2005, 78, 130-136.	0.1	3
35	Star-like Fullerene Containing Poly(Vinylpyrrolidone) Derivatives: Chloroform Solution Properties. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 12, 353-359.	1.0	3
36	Specifics of light scattering in solutions of fullerene-containing polymers. Polymer Science - Series A, 2007, 49, 642-650.	0.4	3

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37	Copolymers of 2-deoxy-2-methylacrylamido-D-glucose with tertiary and quaternary amino groups. Russian Journal of Applied Chemistry, 2009, 82, 1600-1605.	0.1	3
38	Water-soluble polymeric derivatives of β -cyclodextrin. Polymer Science - Series B, 2012, 54, 41-49.	0.3	3
39	Water-soluble polymers for binding hydrophobic biologically active compounds. Russian Chemical Bulletin, 2015, 64, 2152-2159.	0.4	3
40	Optical and hydrodynamic properties of solutions of copolymers of N,N-dimethylaminoethyl methacrylate and 2-deoxy-2-methylacrylamido-D-glucose that contain silver particles. Polymer Science - Series A, 2015, 57, 103-114.	0.4	3
41	Study of the DNA packing caused by charged compounds of different nature in solution. Macromolecular Symposia, 1998, 136, 25-31.	0.4	2
42	Nanosecond Mobility of the Molecules in the Research of Supramolecular Assemblies of Dendrimers, DNA, or Fullerene-Containing Compounds. Macromolecular Symposia, 2006, 237, 1-6.	0.4	2
43	Conformational and hydrodynamic properties of the homopolymer of 2-deoxy-2-methylacrylamido-D-glucose and its copolymers with acrylic acid and methacrylic acid. Polymer Science - Series A, 2014, 56, 414-421.	0.4	2
44	Formation and stability of macromolecular complexes of transition-metal ions with copolymers of 2-deoxy-2-methylacrylamido-D-glucose and unsaturated carboxylic acids. Polymer Science - Series A, 2016, 58, 684-688.	0.4	2
45	Introduction of $\text{Re}(\text{CO})_3^+$ / $^{99\text{m}}\text{Tc}(\text{CO})_3^+$ Organometallic Species into Vinylpyrrolidone-Allyliminodiacetate Copolymers. Polymers, 2021, 13, 1832.	2.0	2
46	Interpolymer Complexes of Poly(methacryloyloxyethyl phosphorylcholine) and Polyacids. Polymers, 2022, 14, 407.	2.0	2
47	New Copolymers of Vinylphosphonic Acid with Hydrophilic Monomers and Their Eu^{3+} Complexes. Polymers, 2022, 14, 590.	2.0	2
48	The thermodynamic properties of star-shaped fullerene-containing poly-N-vinylpyrrolidone. Russian Journal of Physical Chemistry A, 2006, 80, 861-868.	0.1	1
49	Structural and conformational characteristics of DNA complexes with polycations of different structure. Russian Journal of Physical Chemistry A, 2010, 84, 831-834.	0.1	1
50	Molecular properties of poly(2-deoxy-2-methylacryloylamino-D-glucose) in aqueous solvents of various compositions. Russian Journal of Applied Chemistry, 2012, 85, 1732-1739.	0.1	1
51	Electrooptical and Molecular Properties of Fullerene-Containing Poly(Methyl Methacrylates) Prepared by Introducing Fullerenes C ₆₀ and C ₇₀ into the Polymer Structure by Different Methods. Russian Journal of Applied Chemistry, 2005, 78, 137-143.	0.1	0
52	Water-Soluble Polymeric Methanofullerene and Fulleropyrrolidine Derivatives. Russian Journal of Applied Chemistry, 2005, 78, 1981-1986.	0.1	0
53	Hierarchy of Structural Organization of Fullerene-Containing Polyvinylformamide in Solutions. Fullerenes Nanotubes and Carbon Nanostructures, 2006, 14, 321-326.	1.0	0
54	Structural transformations in macromolecules of synthetic nonionogenic polymers and DNA in salt-containing aqueous solutions. Polymer Science - Series A, 2007, 49, 211-216.	0.4	0