

Olga Nazarova

List of Publications by Citations

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51
papers

956
citations

12
h-index

30
g-index

54
ext. papers

1,013
ext. citations

2
avg, IF

3.13
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 51 | Characterization of vectors for gene therapy formed by self-assembly of DNA with synthetic block co-polymers. <i>Human Gene Therapy</i> , 1996 , 7, 2123-33 | 4.8 | 331 |
| 50 | 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 | 6.3 | 221 |
| 49 | DNA-polycation complexes: effect of polycation structure on physico-chemical and biological properties. <i>Journal of Biotechnology</i> , 2007 , 127, 679-93 | 3.7 | 63 |
| 48 | 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, 245-55 | 4 | 51 |
| 47 | 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 | 2.9 | 38 |
| 46 | Hydrodynamic Behavior of Dendrigraft Polylysines in Water and Dimethylformamide. <i>Polymers</i> , 2012 , 4, 20-31 | 4.5 | 22 |
| 45 | DNA Interaction with Complex Ions in Solution. <i>Langmuir</i> , 1999 , 15, 7912-7917 | 4 | 22 |
| 44 | DNA interaction with synthetic polymers in solution. <i>Structural Chemistry</i> , 2007 , 18, 519-525 | 1.8 | 18 |
| 43 | 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 | 3.7 | 14 |
| 42 | Mechanism of formation of silver nanoparticles in MAGDMAEMA copolymer aqueous solutions. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1 | 2.3 | 14 |
| 41 | Copolymerizations of N-vinylpyrrolidone and activated esters of unsaturated acids. <i>European Polymer Journal</i> , 1992 , 28, 97-100 | 5.2 | 13 |
| 40 | Copolymers of 2-Deoxy-2-Methacrylamido-D-Glucose with Aminoacrylates and Allylamine Hydrochloride. <i>Journal of Carbohydrate Chemistry</i> , 2009 , 28, 39-52 | 1.7 | 12 |
| 39 | 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 | 1.2 | 10 |
| 38 | Conformation properties of poly(N,N-dimethylaminoethyl methacrylate) macromolecules in various solvents. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 417-425 | 0.8 | 10 |
| 37 | 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 | 0.8 | 9 |
| 36 | Polymeric derivatives of dipterocarpol, a dammarane triterpenoid. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 654-659 | 0.8 | 7 |
| 35 | Structural and dynamic characteristics of thermo- and pH-sensitive copolymers of 2-(diethylamino)ethyl methacrylate and 2-deoxy-2-methacrylamido- -glucose. <i>Polymer</i> , 2015 , 77, 246-253 ^{3.9} | | 6 |

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| 34 | Relaxation properties and complex formation of copolymers of 2-deoxy-2-methacrylamido-D-glucose and unsaturated acids. <i>Polymer Science - Series A</i> , 2013 , 55, 171-176 ^{1,2} | 1.2 | 6 |
| 33 | Synthesis of complexes of N-vinylpyrrolidone-allylamine or N-vinylpyrrolidone-ethylamine 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 | 1.7 | 6 |
| 32 | Water-soluble polymer derivatives of cholesterol. <i>Polymer Science - Series B</i> , 2010 , 52, 648-655 | 0.8 | 6 |
| 31 | DNA-polymer complexes for gene therapy. <i>Polymer Science - Series C</i> , 2012 , 54, 57-68 | 1.1 | 5 |
| 30 | Synthetic polycation: polynucleotide interactions determined using liquid chromatography with short monolithic columns. <i>Journal of Separation Science</i> , 2009 , 32, 2674-81 | 3.4 | 5 |
| 29 | Synthesis and Polar and Electrooptical Properties of a Butylamine Derivative of Fullerene C60. <i>Russian Journal of General Chemistry</i> , 2005 , 75, 751-758 | 0.7 | 5 |
| 28 | In vitro release of chloramphenicol from poly[N-(2-hydroxypropyl)methacrylamide] carriers by Cathepsin B. <i>Collection of Czechoslovak Chemical Communications</i> , 1988 , 53, 1078-1085 | | 5 |
| 27 | Polyelectrolyte behavior of copolymers of 2-deoxy-2-methacrylamido- d -glucose with cationic comonomers in water and dimethylsulfoxide solutions. <i>European Polymer Journal</i> , 2016 , 83, 22-34 | 5.2 | 5 |
| 26 | Copolymers of 4-Acryloylmorpholine with 2-Dimethyl- and 2-Diethylaminoethyl Methacrylate and Silver-Containing Nanocomposites Based on Them. <i>Russian Journal of Applied Chemistry</i> , 2018 , 91, 623-628 ^{0.8} | 0.8 | 4 |
| 25 | Complexation of N-vinylpyrrolidone-allylamine copolymer with perrhenate ion in aqueous solutions. <i>Doklady Chemistry</i> , 2015 , 462, 137-140 | 0.8 | 4 |
| 24 | Copolymers of 2-deoxy-2-methacrylamido-D-glucose and unsaturated acids. <i>Polymer Science - Series B</i> , 2009 , 51, 321-326 | 0.8 | 4 |
| 23 | Optical and hydrodynamic properties of solutions of copolymers of N,N-dimethylaminoethyl methacrylate and 2-deoxy-2-methacrylamido-D-glucose that contain silver particles. <i>Polymer Science - Series A</i> , 2015 , 57, 103-114 | 1.2 | 3 |
| 22 | Water-soluble polymeric derivatives of Cyclodextrin. <i>Polymer Science - Series B</i> , 2012 , 54, 41-49 | 0.8 | 3 |
| 21 | Synthesis, Immunomodulating and Antitumor Activities of Copolymers of Dialkylaminoethyl Methacrylates and Vinylsaccharides. <i>Pharmaceutical Chemistry Journal</i> , 2017 , 51, 245-249 | 0.9 | 3 |
| 20 | Water-soluble polymers for binding hydrophobic biologically active compounds. <i>Russian Chemical Bulletin</i> , 2015 , 64, 2152-2159 | 1.7 | 3 |
| 19 | Copolymers of 2-deoxy-2-methylacrylamido-D-glucose with tertiary and quaternary amino groups. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 1600-1605 | 0.8 | 3 |
| 18 | Star-like Fullerene Containing Poly(Vinylpyrrolidone) Derivatives: Chloroform Solution Properties. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2005 , 12, 353-359 | 1.8 | 3 |
| 17 | Grafting of poly-N-methacryloylaminodeoxyglucose on poly-N-vinylpyrrolidone. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 1341-1344 | 0.8 | 3 |

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| 16 | pH- and thermosensitive copolymers of 4-acryloylmorpholine and 2-dialkylaminoethyl methacrylates and silver-containing nanocomposites based on these copolymers. <i>Materials Today Communications</i> , 2019 , 19, 196-203 | 2.5 | 2 |
| 15 | Formation and stability of macromolecular complexes of transition-metal ions with copolymers of 2-deoxy-2-methacrylamido-D-glucose and unsaturated carboxylic acids. <i>Polymer Science - Series A</i> , 2016 , 58, 684-688 | 1.2 | 2 |
| 14 | Conformational and hydrodynamic properties of the homopolymer of 2-deoxy-2-methacrylamido-D-glucose and its copolymers with acrylic acid and methacrylic acid. <i>Polymer Science - Series A</i> , 2014 , 56, 414-421 | 1.2 | 2 |
| 13 | Specifics of light scattering in solutions of fullerene-containing polymers. <i>Polymer Science - Series A</i> , 2007 , 49, 642-650 | 1.2 | 2 |
| 12 | Nanosecond Mobility of the Molecules in the Research of Supramolecular Assemblies of Dendrimers, DNA, or Fullerene-Containing Compounds. <i>Macromolecular Symposia</i> , 2006 , 237, 1-6 | 0.8 | 2 |
| 11 | Study of the DNA packing caused by charged compounds of different nature in solution. <i>Macromolecular Symposia</i> , 1998 , 136, 25-31 | 0.8 | 2 |
| 10 | Macroporous monolithic columns modified with cholesterol-containing glycopolymer for cholesterol solid-phase extraction. <i>Mendeleev Communications</i> , 2018 , 28, 340-342 | 1.9 | 2 |
| 9 | Molecular properties of poly(2-deoxy-2-methacryloylamino-D-glucose) in aqueous solvents of various compositions. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1732-1739 | 0.8 | 1 |
| 8 | Structural and conformational characteristics of DNA complexes with polycations of different structure. <i>Russian Journal of Physical Chemistry A</i> , 2010 , 84, 831-834 | 0.7 | 1 |
| 7 | The thermodynamic properties of star-shaped fullerene-containing poly-N-vinylpyrrolidone. <i>Russian Journal of Physical Chemistry A</i> , 2006 , 80, 861-868 | 0.7 | 1 |
| 6 | Molecular Characteristics of Star-Like Polyvinylpyrrolidone with Fullerene C60 as the Branching Site in Dilute Solutions. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 130-136 | 0.8 | 1 |
| 5 | New water-soluble copolymers of 2-methacryloyloxyethyl phosphorylcholine for surface modification. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50272 | 2.9 | 1 |
| 4 | Structural transformations in macromolecules of synthetic nonionogenic polymers and DNA in salt-containing aqueous solutions. <i>Polymer Science - Series A</i> , 2007 , 49, 211-216 | 1.2 | |
| 3 | Hierarchy of Structural Organization of Fullerene-Containing Polyvinylformamide in Solutions. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006 , 14, 321-326 | 1.8 | |
| 2 | Electrooptical and Molecular Properties of Fullerene-Containing Poly(Methyl Methacrylates) Prepared by Introducing Fullerenes C60 and C70 into the Polymer Structure by Different Methods. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 137-143 | 0.8 | |
| 1 | Water-Soluble Polymeric Methanofullerene and Fullero-pyrrolidine Derivatives. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 1981-1986 | 0.8 | |