

Elena N Vlasova

List of Publications by Year in Descending Order

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Version: 2023-12-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

369
citations

12
h-index

16
g-index

54
ext. papers

412
ext. citations

1.6
avg, IF

2.84
L-index

#	Paper	IF	Citations
52	Novel hydroxyl-containing and thermo-dehydrocyclizable polycondensation polymers for multifunctional materials: Synthesis, properties, application. <i>Journal of Applied Polymer Science</i> , 2022 , 139, 51978	2.9	
51	Long-term electrochemical stability of polyaniline- and polypyrrole-based hydrogels. <i>Chemical Papers</i> , 2021 , 75, 5103-5112	1.9	2
50	Pervaporation membranes of a simplex type with polyelectrolyte layers of chitosan and sodium hyaluronate. <i>Carbohydrate Polymers</i> , 2019 , 209, 10-19	10.3	23
49	Luminescence of Eu ions in hybrid polymer-inorganic composites based on poly(methyl methacrylate) and zirconia nanoparticles. <i>Luminescence</i> , 2018 , 33, 837-849	2.5	10
48	Physicochemical properties of hydrogels based on cellulose methyl ether. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 252-256	0.8	0
47	Mechanical response and network characterization of conductive polyaniline/polyacrylamide gels. <i>Materials Chemistry and Physics</i> , 2017 , 187, 88-95	4.4	7
46	Polymeric Complexes of Ofloxacin and Their Activity Against Tuberculosis Mycobacteria. <i>Pharmaceutical Chemistry Journal</i> , 2017 , 51, 250-253	0.9	1
45	Nanocomposite polyazomethine/reduced graphene oxide with enhanced conductivity. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	7
44	O,N-(2-sulfoethyl)chitosan: Synthesis and properties of solutions and films. <i>Carbohydrate Polymers</i> , 2017 , 157, 866-874	10.3	14
43	Surface molecularly imprinted organic-inorganic polymers having affinity sites for cholesterol. <i>Reactive and Functional Polymers</i> , 2016 , 109, 88-98	4.6	18
42	New composite materials based on polyvinylpyrrolidone and poly(diphenyl oxide amido-N-phenylphthalimide). <i>Polymer Science - Series A</i> , 2016 , 58, 419-428	1.2	4
41	Comparative Evaluation of Different Methods of Carboxylation of Carbon Nanotubes as a Modifier of Mechanical Properties of Heat-Resistant Polyimide Based Nanocomposites. <i>Fibre Chemistry</i> , 2015 , 47, 236-243	0.6	2
40	Dissolution of Cellulose in Aqueous Alkaline Solutions with Added Urea and Thiourea. <i>Fibre Chemistry</i> , 2015 , 47, 166-170	0.6	5
39	Chitin in Aqueous Alkaline Solutions with Urea and Thiourea Additives and the Structures of Films Obtained from Them. <i>Fibre Chemistry</i> , 2015 , 47, 247-250	0.6	3
38	Barrier properties and structure of inorganic layers at polyaniline/steel interface. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 1168-1173	0.8	6
37	Synthesis and properties of polymeric and organo-inorganic amphiphilic sorbents molecularly imprinted with cholesterol. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 1617-1626	0.8	3
36	Optically active polyamidoimides based on amino acids containing cyclohexane fragment. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 1661-1666	0.8	3

35	Chitosan-dextran branched copolymers: Synthesis and properties. <i>Polymer Science - Series B</i> , 2014 , 56, 341-351	0.8	4
34	Properties of solutions and films of blends of water-soluble cellulose ethers with Zosterin. <i>Russian Journal of Applied Chemistry</i> , 2014 , 87, 942-949	0.8	1
33	Nanocomposites based on polyamidoimide and octahedral silsesquioxanes. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 415-422	0.8	4
32	Molecular mobility of chitosan and its interaction with montmorillonite in composite films: Dielectric spectroscopy and FTIR studies. <i>Polymer Science - Series A</i> , 2013 , 55, 738-748	1.2	13
31	Mechanical and conducting properties of polypropylene fibers filled with carbon nanotubes with functionalized surface. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 957-962	0.8	3
30	Surface modification of detonation nanodiamonds by the perfluorobutyl radical. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1090-1094	0.8	6
29	Compatibility of carboxymethyl cellulose ionized to various degrees with poly-N-vinylformamide in composite films. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1413-1421	0.8	10
28	Specific features of cellulose and chitin dissolution in ionic liquids of varied structure and the structural organization of regenerated polysaccharides. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1718-1725	0.8	18
27	Distribution of zirconia nanoparticles in the matrix of poly(4,4'-oxydiphenylenepyromellitimide). <i>Polymer Science - Series B</i> , 2012 , 54, 486-495	0.8	9
26	Grafting copolymerization of vinyl monomers on polyimide macroinitiators by the method of atom transfer radical polymerization. <i>Russian Chemical Bulletin</i> , 2012 , 61, 999-1008	1.7	20
25	Characteristics of composite films based on methyl cellulose and poly(N-vinylformamide) prepared from solutions in water and dimethyl sulfoxide. <i>Polymer Science - Series A</i> , 2011 , 53, 409-417	1.2	13
24	Film Composites of polyimide with polyaniline and poly(aniline-co-anthranilic acid). <i>Polymer Science - Series A</i> , 2011 , 53, 800-810	1.2	1
23	Properties of carboxymethyl cellulose aqueous solutions with nanoparticle additives and the related composite films. <i>Polymer Science - Series A</i> , 2011 , 53, 1167-1174	1.2	9
22	Interrelation between the structural and transport properties of pervaporation membranes with diffusion layers based on poly(β -benzyl-L-glutamate). <i>Crystallography Reports</i> , 2011 , 56, 502-507	0.6	6
21	Spectroscopic Investigation of Polypeptide Plane Brushes. <i>Macromolecular Symposia</i> , 2011 , 305, 116-121	0.8	3
20	Synthesis of multicentered polyimide initiators for the preparation of regular graft copolymers via controlled radical polymerization. <i>Polymer Science - Series B</i> , 2010 , 52, 589-599	0.8	27
19	Water-soluble polymer derivatives of cholesterol. <i>Polymer Science - Series B</i> , 2010 , 52, 648-655	0.8	6
18	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

17	Polymer matrix of polyethylene porous films functionalized by electrical discharge plasma. <i>European Polymer Journal</i> , 2008 , 44, 2702-2707	5.2	18
16	A physicochemical study of the structure of polymers derived from 2-deoxy-N-methacryloylamido-D-glucose and their conjugates with ligands of various molecular sizes. <i>Russian Journal of Applied Chemistry</i> , 2008 , 81, 1390-1397	0.8	1
15	Monolithic methacrylate polymeric sorbents: Development of methods for chemical modification of the surface for the subsequent bioaffine functionalization. <i>Russian Journal of Applied Chemistry</i> , 2008 , 81, 1403-1409	0.8	6
14	Preparation of mixed ethers by reaction of carboxymethyl cellulose with urea and their physicochemical properties. <i>Russian Journal of Applied Chemistry</i> , 2008 , 81, 1622-1629	0.8	1
13	Chemical and structural transformations in chitosan films in the course of storage. <i>Russian Journal of Applied Chemistry</i> , 2008 , 81, 1992-1996	0.8	8
12	IR spectra of long-chain α -alkanediols: 1,22-docosanediol and 1,44-tetratetracontanediol. <i>Polymer Science - Series A</i> , 2008 , 50, 403-410	1.2	2
11	Structuring in mixed solvents: Study by polarized light scattering. <i>Polymer Science - Series A</i> , 2007 , 49, 307-313	1.2	2
10	Preparation of mixed cellulose ethers by the reaction of short flax fibers and cotton linter with monochloroacetamide. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 300-304	0.8	3
9	Immobilization of proteolytic enzymes trypsin and chymotrypsin to cellulose matrix. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 322-329	0.8	13
8	Synthesis and properties of low-molecular-weight copolymers of acrylamide with 2-acrylamido-2-methylpropanesulfonic acid, as potential drug carriers. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 1703-1707	0.8	
7	Optical constants of industrial polymers in the IR region. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2006 , 101, 716-723	0.7	27
6	Synthesis of low-molecular-weight copolymers of N-vinylpyrrolidone with 2-hydroxyethyl methacrylate and of polymeric oxacillin esters derived from them. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 127-132	0.8	0
5	Sorption of vapors of organic solvents with cyanoethyl hydroxyethyl cellulose. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1500-1505	0.8	2
4	Synthesis and Properties of Soluble Copolymers of N-Vinyl-2-pyrrolidone with 2-Hydroxyethyl Methacrylate. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 636-640	0.8	2
3	Synthesis of Carboxymethyl Cellulose Based on Short Fibers and Lignified Part of Flax Pedicels (Boon). <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 2014-2018	0.8	14
2	Biochemical and physicochemical treatment of flax fibers. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 1729-1732	0.8	6
1	Complexes of cellulose and trypsin. <i>Macromolecular Symposia</i> , 2004 , 210, 437-446	0.8	