

Elena N Vlasova

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4618885/elena-n-vlasova-publications-by-citations.pdf>

Version: 2023-12-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
51	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
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	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
48	Surface molecularly imprinted organic-inorganic polymers having affinity sites for cholesterol. <i>Reactive and Functional Polymers</i> , 2016 , 109, 88-98	4.6	18
47	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
46	Polymer matrix of polyethylene porous films functionalized by electrical discharge plasma. <i>European Polymer Journal</i> , 2008 , 44, 2702-2707	5.2	18
45	O,N-(2-sulfoethyl)chitosan: Synthesis and properties of solutions and films. <i>Carbohydrate Polymers</i> , 2017 , 157, 866-874	10.3	14
44	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
43	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
42	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
41	Immobilization of proteolytic enzymes trypsin and β -thymotrypsin to cellulose matrix. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 322-329	0.8	13
40	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
39	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
38	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
37	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
36	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

35	Mechanical response and network characterization of conductive polyaniline/polyacrylamide gels. <i>Materials Chemistry and Physics</i> , 2017 , 187, 88-95	4.4	7
34	Nanocomposite polyazomethine/reduced graphene oxide with enhanced conductivity. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	7
33	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
32	Surface modification of detonation nanodiamonds by the perfluorobutyl radical. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 1090-1094	0.8	6
31	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
30	Water-soluble polymer derivatives of cholesterol. <i>Polymer Science - Series B</i> , 2010 , 52, 648-655	0.8	6
29	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
28	Biochemical and physicochemical treatment of flax fibers. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 1729-1732	0.8	6
27	Dissolution of Cellulose in Aqueous Alkaline Solutions with Added Urea and Thiourea. <i>Fibre Chemistry</i> , 2015 , 47, 166-170	0.6	5
26	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
25	Chitosan-dextran branched copolymers: Synthesis and properties. <i>Polymer Science - Series B</i> , 2014 , 56, 341-351	0.8	4
24	Nanocomposites based on polyamidoimide and octahedral silsesquioxanes. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 415-422	0.8	4
23	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
22	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
21	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
20	Optically active polyamidoimides based on amino acids containing cyclohexane fragment. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 1661-1666	0.8	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	Spectroscopic Investigation of Polypeptide Plane Brushes. <i>Macromolecular Symposia</i> , 2011 , 305, 116-121	0.8	3

17	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
16	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
15	Structuring in mixed solvents: Study by polarized light scattering. <i>Polymer Science - Series A</i> , 2007 , 49, 307-313	1.2	2
14	IR spectra of long-chain α -alkanedioles: 1,22-docosanediol and 1,44-tetratetracontanediol. <i>Polymer Science - Series A</i> , 2008 , 50, 403-410	1.2	2
13	Sorption of vapors of organic solvents with cyanoethyl hydroxyethyl cellulose. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1500-1505	0.8	2
12	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
11	Long-term electrochemical stability of polyaniline- and polypyrrole-based hydrogels. <i>Chemical Papers</i> , 2021 , 75, 5103-5112	1.9	2
10	Polymeric Complexes of Ofloxacin and Their Activity Against Tuberculosis Mycobacteria. <i>Pharmaceutical Chemistry Journal</i> , 2017 , 51, 250-253	0.9	1
9	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
8	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
7	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
6	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
5	Physicochemical properties of hydrogels based on cellulose methyl ether. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 252-256	0.8	0
4	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
3	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	
2	Complexes of cellulose and trypsin. <i>Macromolecular Symposia</i> , 2004 , 210, 437-446	0.8	
1	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	