Albert K Khripunov

List of Publications by Citations

41	378	10	17
papers	citations	h-index	g-index
43	405	1.6	2.7
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
41	Anisotropic swelling and mechanical behavior of composite bacterial cellulose-poly(acrylamide or acrylamide-sodium acrylate) hydrogels. *Journal of the Mechanical Behavior of Biomedical Materials*, **2010**, 3, 102-11	4.1	81
40	Deep desalination of water by evaporation through polymeric membranes. *Russian Journal of Applied Chemistry*, **2007**, 80, 790-798	0.8	33
39	Light scattering from aqueous solutions of colloid metal nanoparticles stabilized by natural polysaccharide arabinogalactan. *Journal of Physical Chemistry B*, **2010**, 114, 4204-12	3.4	26
38	High-strength biocompatible hydrogels based on poly(acrylamide) and cellulose: Synthesis, mechanical properties and perspectives for use as artificial cartilage. *Polymer Science - Series A*, **2013**, 55, 302-312	1.2	24
37	Electrical and optical properties of bacterial cellulose films modified with conductive polymer PEDOT/PSS. *Synthetic Metals*, **2015**, 199, 147-151	3.6	22
36	Structure of cellulose Acetobacter xylinum. *Crystallography Reports*, **2003**, 48, 755-762	0.6	21
35	Cellulose–poly(acrylamide–acrylic acid) interpenetrating polymer network membranes for the pervaporation of water–ethanol mixtures. II. Effect of ionic group contents and cellulose matrix modification. *Journal of Applied Polymer Science*, **2001**, 80, 1452-1460	2.9	18
34	Investigation of nanocomposites based on hydrated calcium phosphates and cellulose Acetobacter xylinum. *Glass Physics and Chemistry*, **2008**, 34, 192-200	0.7	12
33	Terahertz properties of bacterial cellulose films and its composite with conducting polymer PEDOT/PSS. *Synthetic Metals*, **2015**, 205, 201-205	3.6	11
32	Sorption Properties of Gel Films of Bacterial Cellulose. *Russian Journal of Applied Chemistry*, **2005**, 78, 1176-1181	0.8	10
31	Formation of organic-inorganic composite materials based on cellulose Acetobacter xylinum and calcium phosphates for medical applications. *Glass Physics and Chemistry*, **2010**, 36, 484-493	0.7	9
30	Formation of a composite from Se0 nanoparticles stabilized with polyvinylpyrrolidone and Acetobacter xylinum cellulose gel films. *Russian Journal of Applied Chemistry*, **2007**, 80, 1549-1557	0.8	9
29	SEM and TEM for structure and properties characterization of bacterial cellulose/hydroxyapatite composites. *Scanning*, **2016**, 38, 757-765	1.6	9
28	Composite hydrogels based on polyacrylamide and cellulose: Synthesis and functional properties. *Russian Journal of Applied Chemistry*, **2016**, 89, 772-779	0.8	8
27	Network Model of Acetobacter Xylinum Cellulose Intercalated by Drug Nanoparticles. *NATO Science for Peace and Security Series B: Physics and Biophysics*, **2008**, 165-177	0.2	7
26	Light-emitting flexible transparent paper based on bacterial cellulose modified with semiconducting polymer MEH:PPV. *Flexible and Printed Electronics*, **2017**, 2, 035004	3.1	6
25	Conformational and optical properties of macromolecules of some aliphatic-substituted cellulose esters. *Cellulose*, **2013**, 20, 1057-1071	5.5	6

24	Interaction of Se0 nanoparticles stabilized by poly(vinylpyrrolidone) with gel films of cellulose Acetobacter xylinum. *Crystallography Reports*, **2006**, 51, 619-626	0.6	6
23	Nanotextures of composites based on the interaction between hydroxyapatite and cellulose Gluconacetobacter xylinus. *Glass Physics and Chemistry*, **2014**, 40, 367-374	0.7	5
22	Composites based on Gluconacetobacter xylinus bacterial cellulose and calcium phosphates and their dielectric properties. *Russian Journal of Applied Chemistry*, **2013**, 86, 1298-1304	0.8	5
21	Study of the gel films of Acetobacter Xylinum cellulose and its modified samples by 1H NMR cryoporometry and small-angle X-ray scattering. *Crystallography Reports*, **2010**, 55, 312-317	0.6	5
20	Structural Parameters of Cellulose Produced by Acetobacter Xylinum and Their Variation in the Course of Drying of Gel Films. *Russian Journal of Applied Chemistry*, **2003**, 76, 989-996	0.8	5
19	Dielectric Properties and Dipole Glass Transition in Cellulose Acetobacter Xylinium. *Ferroelectrics*, **2003**, 286, 141-151	0.6	5
18	On possibility of power transformer operational reliability increase **2016**,		4
17	Interaction between nanosized crystalline components of a composite based on Acetobacter xylinum cellulose and calcium phosphates. *Polymer Science - Series A*, **2010**, 52, 419-429	1.2	4
16	On the supramolecular organization of LangmuirBlodgett cellulose acetovalerate films. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2002**, 198-200, 13-19	5.1	4
15	Formation of Langmuir-Blodgett films in solutions of comblike polymers. *Crystallography Reports*, **2005**, 50, 614-624	0.6	4
14	Model of packing of cellulose acetomyristinate in Langmuir-Blodgett films. *Crystallography Reports*, **2000**, 45, 318-322	0.6	4
13	Formation of a composite based on selenium nanoparticles stabilized with poly-N,N,N,N-trimethylmethacryloyloxyethylammonium methyl sulfate and on Acetobacter xylinum cellulose gel films. *Russian Journal of Applied Chemistry*, **2009**, 82, 2006-2010	0.8	3
12	Hydrodynamic and conformational properties of cellulose myristate molecules in solution. *Polymer Science - Series A*, **2007**, 49, 71-76	1.2	3
11	Hydrodynamic and conformational properties of cellulose valerate molecules in dilute solution. *Polymer Science - Series A*, **2009**, 51, 761-768	1.2	2
10	Transport properties of cellulose ester membranes for separating gas and liquid mixtures. *Russian Journal of Applied Chemistry*, **2004**, 77, 1877-1882	0.8	2
9	X-ray characterization of cellulose LB films. *Physica B: Condensed Matter*, **1994**, 198, 138-139	2.8	2
8	Atomic force microscopy study of the adsorption of protein molecules on transferred Langmuir monolayer. *Crystallography Reports*, **2010**, 55, 849-853	0.6	1
7	Dependence of Separation Characteristics of Pervaporation on Parameters of Membranes Composed of Cellulose Myristinate and Polyphenylene Oxide. *Russian Journal of Applied Chemistry*, **2004**, 77, 549-554	0.8	1

6	Structure and Transport Properties of Films of Mixed Cellulose Esters. *Russian Journal of Applied Chemistry*, **2002**, 75, 1700-1704	0.8	1
5	Hydrodynamic, conformational, and optical properties of cellulose tridecanoate molecules in solutions. *Russian Journal of Applied Chemistry*, **2012**, 85, 963-968	0.8	
4	Phase transitions of native celluloses from evolutionarily different sources into polymorph IV. *Russian Journal of Applied Chemistry*, **2012**, 85, 1923-1929	0.8	
3	Conformational, optical, and electrooptical properties of cellulose pelargonates in solutions. *Russian Journal of Applied Chemistry*, **2011**, 84, 156-163	0.8	
2	Comparison of electrochemical characteristics of acetylcellulose microfiltration membranes and a model system. *Colloid Journal*, **2009**, 71, 706-711	1.1	
1	Langmuir-Blodgett films of substituted cellulose acetomyristate: fabrication and X-ray diffraction study. *Materials Science and Engineering C*, **1995**, 2, 225-227	8.3	