

# Albert K Khripunov

## List of Publications by Year in Descending Order

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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.

41  
papers

378  
citations

10  
h-index

17  
g-index

43  
ext. papers

405  
ext. citations

1.6  
avg, IF

2.7  
L-index

#	Paper	IF	Citations
41	Light-emitting flexible transparent paper based on bacterial cellulose modified with semiconducting polymer MEH:PPV. <i>Flexible and Printed Electronics</i> , <b>2017</b> , 2, 035004	3.1	6
40	Composite hydrogels based on polyacrylamide and cellulose: Synthesis and functional properties. <i>Russian Journal of Applied Chemistry</i> , <b>2016</b> , 89, 772-779	0.8	8
39	On possibility of power transformer operational reliability increase <b>2016</b> ,		4
38	SEM and TEM for structure and properties characterization of bacterial cellulose/hydroxyapatite composites. <i>Scanning</i> , <b>2016</b> , 38, 757-765	1.6	9
37	Terahertz properties of bacterial cellulose films and its composite with conducting polymer PEDOT/PSS. <i>Synthetic Metals</i> , <b>2015</b> , 205, 201-205	3.6	11
36	Electrical and optical properties of bacterial cellulose films modified with conductive polymer PEDOT/PSS. <i>Synthetic Metals</i> , <b>2015</b> , 199, 147-151	3.6	22
35	Nanotextures of composites based on the interaction between hydroxyapatite and cellulose <i>Gluconacetobacter xylinus</i> . <i>Glass Physics and Chemistry</i> , <b>2014</b> , 40, 367-374	0.7	5
34	High-strength biocompatible hydrogels based on poly(acrylamide) and cellulose: Synthesis, mechanical properties and perspectives for use as artificial cartilage. <i>Polymer Science - Series A</i> , <b>2013</b> , 55, 302-312	1.2	24
33	Composites based on <i>Gluconacetobacter xylinus</i> bacterial cellulose and calcium phosphates and their dielectric properties. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 1298-1304	0.8	5
32	Conformational and optical properties of macromolecules of some aliphatic-substituted cellulose esters. <i>Cellulose</i> , <b>2013</b> , 20, 1057-1071	5.5	6
31	Hydrodynamic, conformational, and optical properties of cellulose tridecanoate molecules in solutions. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 963-968	0.8	
30	Phase transitions of native celluloses from evolutionarily different sources into polymorph IV. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 1923-1929	0.8	
29	Conformational, optical, and electrooptical properties of cellulose pelargonates in solutions. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 156-163	0.8	
28	Light scattering from aqueous solutions of colloid metal nanoparticles stabilized by natural polysaccharide arabinogalactan. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 4204-12	3.4	26
27	Interaction between nanosized crystalline components of a composite based on <i>Acetobacter xylinum</i> cellulose and calcium phosphates. <i>Polymer Science - Series A</i> , <b>2010</b> , 52, 419-429	1.2	4
26	Study of the gel films of <i>Acetobacter Xylinum</i> cellulose and its modified samples by <sup>1</sup> H NMR cryoporometry and small-angle X-ray scattering. <i>Crystallography Reports</i> , <b>2010</b> , 55, 312-317	0.6	5
25	Atomic force microscopy study of the adsorption of protein molecules on transferred Langmuir monolayer. <i>Crystallography Reports</i> , <b>2010</b> , 55, 849-853	0.6	1

24	Formation of organic-inorganic composite materials based on cellulose Acetobacter xylinum and calcium phosphates for medical applications. <i>Glass Physics and Chemistry</i> , <b>2010</b> , 36, 484-493	0.7	9
23	Anisotropic swelling and mechanical behavior of composite bacterial cellulose-poly(acrylamide or acrylamide-sodium acrylate) hydrogels. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2010</b> , 3, 102-11	4.1	81
22	Formation of a composite based on selenium nanoparticles stabilized with poly-N,N,N-trimethylmethacryloyloxyethylammonium methyl sulfate and on Acetobacter xylinum cellulose gel films. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 2006-2010	0.8	3
21	Hydrodynamic and conformational properties of cellulose valerate molecules in dilute solution. <i>Polymer Science - Series A</i> , <b>2009</b> , 51, 761-768	1.2	2
20	Comparison of electrochemical characteristics of acetylcellulose microfiltration membranes and a model system. <i>Colloid Journal</i> , <b>2009</b> , 71, 706-711	1.1	
19	Investigation of nanocomposites based on hydrated calcium phosphates and cellulose Acetobacter xylinum. <i>Glass Physics and Chemistry</i> , <b>2008</b> , 34, 192-200	0.7	12
18	Network Model of Acetobacter Xylinum Cellulose Intercalated by Drug Nanoparticles. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , <b>2008</b> , 165-177	0.2	7
17	Hydrodynamic and conformational properties of cellulose myristate molecules in solution. <i>Polymer Science - Series A</i> , <b>2007</b> , 49, 71-76	1.2	3
16	Deep desalination of water by evaporation through polymeric membranes. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 790-798	0.8	33
15	Formation of a composite from Se0 nanoparticles stabilized with polyvinylpyrrolidone and Acetobacter xylinum cellulose gel films. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1549-1557	0.8	9
14	Interaction of Se0 nanoparticles stabilized by poly(vinylpyrrolidone) with gel films of cellulose Acetobacter xylinum. <i>Crystallography Reports</i> , <b>2006</b> , 51, 619-626	0.6	6
13	Formation of Langmuir-Blodgett films in solutions of comblike polymers. <i>Crystallography Reports</i> , <b>2005</b> , 50, 614-624	0.6	4
12	Sorption Properties of Gel Films of Bacterial Cellulose. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1176-1181	0.8	10
11	Dependence of Separation Characteristics of Pervaporation on Parameters of Membranes Composed of Cellulose Myristinate and Polyphenylene Oxide. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 549-554	0.8	1
10	Transport properties of cellulose ester membranes for separating gas and liquid mixtures. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1877-1882	0.8	2
9	Structural Parameters of Cellulose Produced by Acetobacter Xylinum and Their Variation in the Course of Drying of Gel Films. <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 989-996	0.8	5
8	Structure of cellulose Acetobacter xylinum. <i>Crystallography Reports</i> , <b>2003</b> , 48, 755-762	0.6	21
7	Dielectric Properties and Dipole Glass Transition in Cellulose Acetobacter Xylinum. <i>Ferroelectrics</i> , <b>2003</b> , 286, 141-151	0.6	5

6	On the supramolecular organization of Langmuir-Blodgett cellulose acetate films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2002</b> , 198-200, 13-19	5.1	4
5	Structure and Transport Properties of Films of Mixed Cellulose Esters. <i>Russian Journal of Applied Chemistry</i> , <b>2002</b> , 75, 1700-1704	0.8	1
4	Cellulose-poly(acrylamide-co-acrylic acid) interpenetrating polymer network membranes for the pervaporation of water-ethanol mixtures. II. Effect of ionic group contents and cellulose matrix modification. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 80, 1452-1460	2.9	18
3	Model of packing of cellulose acetate in Langmuir-Blodgett films. <i>Crystallography Reports</i> , <b>2000</b> , 45, 318-322	0.6	4
2	Langmuir-Blodgett films of substituted cellulose acetate: fabrication and X-ray diffraction study. <i>Materials Science and Engineering C</i> , <b>1995</b> , 2, 225-227	8.3	
1	X-ray characterization of cellulose LB films. <i>Physica B: Condensed Matter</i> , <b>1994</b> , 198, 138-139	2.8	2