

Nikolay Losev

List of Publications by Citations

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Version: 2024-04-27

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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.

22
papers

91
citations

7
h-index

8
g-index

22
ext. papers

107
ext. citations

2.8
avg, IF

2.72
L-index

#	Paper	IF	Citations
22	Effect of composition and mechanoactivation on the properties of films based on starch and chitosans with high and low deacetylation. <i>Carbohydrate Polymers</i> , 2020 , 239, 116245	10.3	10
21	Influence of the composition and high shear stresses on the structure and properties of hybrid materials based on starch and synthetic copolymer. <i>Carbohydrate Polymers</i> , 2018 , 196, 368-375	10.3	10
20	Rheological, dynamic mechanical and transport properties of compatibilized starch/synthetic copolymer blends. <i>European Polymer Journal</i> , 2019 , 120, 109209	5.2	9
19	Dual-Mode Solution Plasma Processing for the Production of Chitosan/Ag Composites with the Antibacterial Effect. <i>Materials</i> , 2020 , 13,	3.5	9
18	The influence of the combined impact of shear stress and cavitation on the structure and sorption properties of chitin. <i>Carbohydrate Polymers</i> , 2019 , 209, 320-327	10.3	9
17	Rate of Acid Hydrolysis of Starch as Influenced by Intensive Mechanical Effects. <i>Russian Journal of Applied Chemistry</i> , 2003 , 76, 997-1001	0.8	8
16	Application of Hydroacoustic Treatment for Intensification of Alkaline Deacetylation of Chitin. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 356-361	0.7	7
15	Gelation in solutions of low deacetylated chitosan initiated by high shear stresses. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 550-557	7.9	5
14	The effect of mechanical activation on the structure and sorption activity of chitin. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017 , 53, 801-806	0.9	5
13	Effect of hydroacoustic treatment on the state and gel-forming capacity of starch suspensions. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 661-668	0.8	4
12	Prediction of the dispersity of starch hydrogels prepared under hydroacoustic treatment. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 1309-1313	0.8	4
11	Mechanical degradation of gelatinized starch upon hydroacoustic treatment. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1532-1537	0.8	4
10	Effect of mechanical activation on rheological and film-forming properties of suspensions of barium sulfate in chitosan solutions. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 486-490	0.8	3
9	Effect of Ultrasonic Field on the State of Starch Hydrogels. <i>Russian Journal of Applied Chemistry</i> , 2002 , 75, 526-530	0.8	2
8	Influence of Mechanical Treatment on the Structure and Properties of Chitosan Solutions and Films Based on Them. <i>Fibre Chemistry</i> , 2013 , 45, 209-213	0.6	1
7	Effect of a hydroacoustic treatment on the state of chitosan solutions containing a solid filler. <i>Russian Journal of Applied Chemistry</i> , 2009 , 82, 439-444	0.8	1
6	Polyurethane and styrene-acrylic copolymer as modifiers for starch composites preparation under the mechanochemical activation: A multifactorial approach. <i>Materials Letters</i> , 2022 , 322, 132502	3.3	0

- 5 Effects of Fillers and Mechanical Activation on the Structure and Properties of Chitosan Films. *Fibre Chemistry*, **2015**, 46, 363-367 0.6
- 4 Effect of filler nature and mechanical activation on rheological properties of suspensions based on chitosan solutions. *Russian Journal of Applied Chemistry*, **2011**, 84, 1371-1376 0.8
- 3 Prediction of the dispersity of ultrasonically treated starch hydrogels. *Russian Journal of Applied Chemistry*, **2009**, 82, 1070-1073 0.8
- 2 Chemical effects of hydroacoustic treatment in starch hydrogels. *Russian Journal of Applied Chemistry*, **2008**, 81, 1369-1374 0.8
- 1 Adsorption of Anionic Metallophthalocyanines on Submicron Chitosan-Sulfate Particles in Aqueous Dispersions. *Russian Journal of General Chemistry*, **2019**, 89, 2733-2740 0.7