Nikolay Losev

List of Publications by Year in Descending Order

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	Polyurethane and styrene-acrylic copolymer as modifiers for starch composites preparation under the mechanochemical activation: A multifactorial approach. *Materials Letters*, **2022**, 322, 132502	3.3	0
21	Dual-Mode Solution Plasma Processing for the Production of Chitosan/Ag Composites with the Antibacterial Effect. *Materials*, **2020**, 13,	3.5	9
20	Effect of composition and mechanoactivation on the properties of films based on starch and chitosans with high and low deacetylation. *Carbohydrate Polymers*, **2020**, 239, 116245	10.3	10
19	Rheological, dynamic mechanical and transport properties of compatibilized starch/synthetic copolymer blends. *European Polymer Journal*, **2019**, 120, 109209	5.2	9
18	Gelation in solutions of low deacetylated chitosan initiated by high shear stresses. *International Journal of Biological Macromolecules*, **2019**, 139, 550-557	7.9	5
17	The influence of the combined impact of shear stress and cavitation on the structure and sorption properties of chitin. *Carbohydrate Polymers*, **2019**, 209, 320-327	10.3	9
16	Adsorption of Anionic Metallophthalocyanines on Submicron Chitosan-Sulfate Particles in Aqueous Dispersions. *Russian Journal of General Chemistry*, **2019**, 89, 2733-2740	0.7	
15	Application of Hydroacoustic Treatment for Intensification of Alkaline Deacetylation of Chitin. *Russian Journal of General Chemistry*, **2018**, 88, 356-361	0.7	7
14	Influence of the composition and high shear stresses on the structure and properties of hybrid materials based on starch and synthetic copolymer. *Carbohydrate Polymers*, **2018**, 196, 368-375	10.3	10
13	The effect of mechanical activation on the structure and sorption activity of chitin. *Protection of Metals and Physical Chemistry of Surfaces*, **2017**, 53, 801-806	0.9	5
12	Effect of hydroacoustic treatment on the state and gel-forming capacity of starch suspensions. *Russian Journal of Applied Chemistry*, **2015**, 88, 661-668	0.8	4
11	Effects of Fillers and Mechanical Activation on the Structure and Properties of Chitosan Films. *Fibre Chemistry*, **2015**, 46, 363-367	0.6	
10	Influence of Mechanical Treatment on the Structure and Properties of Chitosan Solutions and Films Based on Them. *Fibre Chemistry*, **2013**, 45, 209-213	0.6	1
9	Effect of mechanical activation on rheological and film-forming properties of suspensions of barium sulfate in chitosan solutions. *Russian Journal of Applied Chemistry*, **2011**, 84, 486-490	0.8	3
8	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	
7	Prediction of the dispersity of starch hydrogels prepared under hydroacoustic treatment. *Russian Journal of Applied Chemistry*, **2010**, 83, 1309-1313	0.8	4
6	Effect of a hydroacoustic treatment on the state of chitosan solutions containing a solid filler. *Russian Journal of Applied Chemistry*, **2009**, 82, 439-444	0.8	1

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5	Prediction of the dispersity of ultrasonically treated starch hydrogels. *Russian Journal of Applied Chemistry*, **2009**, 82, 1070-1073	0.8	
4	Chemical effects of hydroacoustic treatment in starch hydrogels. *Russian Journal of Applied Chemistry*, **2008**, 81, 1369-1374	0.8	
3	Mechanical degradation of gelatinized starch upon hydroacoustic treatment. *Russian Journal of Applied Chemistry*, **2006**, 79, 1532-1537	0.8	4
2	Rate of Acid Hydrolysis of Starch as Influenced by Intensive Mechanical Effects. *Russian Journal of Applied Chemistry*, **2003**, 76, 997-1001	0.8	8
1	Effect of Ultrasonic Field on the State of Starch Hydrogels. *Russian Journal of Applied Chemistry*, **2002**, 75, 526-530	0.8	2