

Piotr Owczarz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermoinduced aggregation of chitosan systems in perikinetic and orthokinetic regimes. <i>Carbohydrate Polymers</i> , 2021, 255, 117377.	10.2	3
2	Influence of Glycerophosphate Salt Solubility on the Gelation Mechanism of Colloidal Chitosan Systems. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4043.	4.1	3
3	Influence of Injection Application on the Sol-Gel Phase Transition Conditions of Polysaccharide-Based Hydrogels. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13208.	4.1	5
4	Injectability of Thermosensitive, Low-Concentrated Chitosan Colloids as Flow Phenomenon through the Capillary under High Shear Rate Conditions. <i>Polymers</i> , 2020, 12, 2260.	4.5	15
5	RHEOLOGICAL ASPECTS OF THE FLOW OF THERMOSENSITIVE CHITOSAN SYSTEMS DURING INJECTION APPLICATION. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2020, XXV, 201-209.	0.1	0
6	The effects of sucrose on the sol-gel phase transition and viscoelastic properties of potato starch solutions. <i>Food Chemistry</i> , 2019, 271, 94-101.	8.2	17
7	Injectable Chitosan Scaffolds with Calcium β -Glycerophosphate as the Only Neutralizing Agent. <i>Processes</i> , 2019, 7, 297.	2.8	8
8	APPLICATION OF TEXTURE PROFILE ANALYSIS TO INVESTIGATE THE MECHANICAL PROPERTIES OF THERMOSENSITIVE INJECTABLE CHITOSAN HYDROGELS. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2019, XXIV, 151-163.	0.1	3
9	The structural (FTIR, XRD, and XPS) and biological studies of thermosensitive chitosan chloride gels with β -glycerophosphate disodium. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46459.	2.6	27
10	Structure of chitosan thermosensitive gels containing graphene oxide. <i>Journal of Molecular Structure</i> , 2018, 1161, 530-535.	3.6	8
11	A Comparative Study of Solutions of Silk Fibroin in 1-Butyl-3-methylimidazolium Chloride and Acetate. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 647-652.	0.5	4
12	The Application of Small-Angle Light Scattering for Rheo-Optical Characterization of Chitosan Colloidal Solutions. <i>Polymers</i> , 2018, 10, 431.	4.5	10
13	Rheo-Kinetic Study of Sol-Gel Phase Transition of Chitosan Colloidal Systems. <i>Polymers</i> , 2018, 10, 47.	4.5	19
14	Influence of fish collagen on viscoelastic properties and sol-gel phase transition of chitosan solutions. <i>Acta Innovations</i> , 2018, , 14-23.	1.0	1
15	Inulinolytic activity of broths of <i>Aspergillus niger</i> ATCC 204447 cultivated in shake flasks and stirred tank bioreactor. <i>Engineering in Life Sciences</i> , 2017, 17, 1006-1020.	3.6	13
16	Thermosensitive chitosan gels containing calcium glycerophosphate for bone cell culture. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 209-222.	2.1	12
17	THE INFLUENCE OF THE ADDITION OF COLLAGEN ON THE RHEOLOGICAL PROPERTIES OF CHITOSAN CHLORIDE SOLUTIONS. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2017, XXII, 176-189.	0.1	10
18	Optical microrheology measurements for determination of sol-gel transitions of chitosan hydrogels. <i>Journal of Physics: Conference Series</i> , 2015, 602, 012040.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Structural analysis of gluten-free doughs by fractional rheological model. Korea Australia Rheology Journal, 2015, 27, 33-40.	1.7	2
20	The effect of seasoning a membrane-forming solution on the separation properties of chitosan membranes. Journal of Membrane Science, 2001, 181, 229-239.	8.2	9
21	On-line measurements of the rheological properties of fermentation broth. Rheologica Acta, 1990, 29, 588-593.	2.4	17