Katarzyna Lewandowska

List of Publications by Year
in descending order

49 papers	1,372 citations	361045 20 h-index	344852 36 g-index
49 all docs	49 docs citations	49 times ranked	1618 citing authors

#	Article	IF	Citations
1	Miscibility and thermal stability of poly(vinyl alcohol)/chitosan mixtures. Thermochimica Acta, 2009, 493, 42-48.	1.2	178
2	Comparative studies of rheological properties of polyacrylamide and partially hydrolyzed polyacrylamide solutions. Journal of Applied Polymer Science, 2007, 103, 2235-2241.	1.3	98
3	Modification of collagen and chitosan mixtures by the addition of tannic acid. Journal of Molecular Liquids, 2014, 199, 318-323.	2.3	95
4	The miscibility of poly(vinyl alcohol)/poly(N-vinylpyrrolidone) blends investigated in dilute solutions and solids. European Polymer Journal, 2005, 41, 55-64.	2.6	92
5	Characterization of chitosan composites with various clays. International Journal of Biological Macromolecules, 2014, 65, 534-541.	3.6	81
6	3D composites based on the blends of chitosan and collagen with the addition of hyaluronic acid. International Journal of Biological Macromolecules, 2016, 89, 442-448.	3.6	77
7	The Huggins viscosity coefficient of aqueous solution of poly(vinyl alcohol). European Polymer Journal, 2001, 37, 25-32.	2.6	66
8	The miscibility of collagen/hyaluronic acid/chitosan blends investigated in dilute solutions and solids. Journal of Molecular Liquids, 2016, 220, 726-730.	2.3	56
9	Surface and thermal properties of collagen/hyaluronic acid blends containing chitosan. International Journal of Biological Macromolecules, 2016, 92, 371-376.	3.6	54
10	Preparation and characterization of collagen/chitosan/hyaluronic acid thin films for application in hair care cosmetics. Pure and Applied Chemistry, 2017, 89, 1829-1839.	0.9	50
11	The influence of UV-irradiation on thermal and mechanical properties of chitosan and silk fibroin mixtures. Journal of Photochemistry and Photobiology B: Biology, 2014, 140, 301-305.	1.7	44
12	Miscibility and interactions in chitosan acetate/poly(N-vinylpyrrolidone) blends. Thermochimica Acta, 2011, 517, 90-97.	1.2	43
13	Characterization of chitosan composites with synthetic polymers and inorganic additives. International Journal of Biological Macromolecules, 2015, 81, 159-164.	3.6	32
14	Characterization of silk fibroin 3D composites modified by collagen. Journal of Molecular Liquids, 2016, 215, 323-327.	2.3	29
15	Chitosan blends containing hyaluronic acid and collagen. Compatibility behaviour. Journal of Molecular Liquids, 2015, 212, 879-884.	2.3	28
16	Viscometric Studies in Dilute Solution Mixtures of Chitosan and Microcrystalline Chitosan with Poly(vinyl alcohol). Journal of Solution Chemistry, 2013, 42, 1654-1662.	0.6	26
17	Surface studies of microcrystalline chitosan/poly(vinyl alcohol) mixtures. Applied Surface Science, 2012, 263, 115-123.	3.1	24
18	Miscibility and physical properties of chitosan and silk fibroin mixtures. Journal of Molecular Liquids, 2014, 198, 354-357.	2.3	23

#	Article	IF	Citations
19	Miscibility and physical properties of chitosan and polyacrylamide blends. Journal of Molecular Liquids, 2015, 209, 301-305.	2.3	22
20	Phase Behaviour and Miscibility Studies of Collagen/Silk Fibroin Macromolecular System in Dilute Solutions and Solid State. Molecules, 2017, 22, 1368.	1.7	21
21	The Influence of UV Light on Rheological Properties of Collagen Extracted from Silver Carp Skin. Materials, 2020, 13, 4453.	1.3	20
22	Mechanical and Morphological Studies of Chitosan/Clay Composites. Molecular Crystals and Liquid Crystals, 2014, 590, 193-198.	0.4	18
23	Modification of Collagen Properties with Ferulic Acid. Materials, 2020, 13, 3419.	1.3	17
24	Rheological properties of pectin, poly(vinyl alcohol) and their blends in aqueous solutions. E-Polymers, 2012, 12, .	1.3	15
25	Study of apatite layer formation on SBF-treated chitosan composite thin films. Polymer Testing, 2018, 71, 173-181.	2.3	14
26	Physico-chemical properties of three-component mixtures based on chitosan, hyaluronic acid and collagen. Molecular Crystals and Liquid Crystals, 2016, 640, 21-29.	0.4	13
27	The Infuence of Salicin on Rheological and Film-Forming Properties of Collagen. Molecules, 2021, 26, 1661.	1.7	13
28	Characterization of Thin Chitosan/Polyacrylamide Blend Films. Molecular Crystals and Liquid Crystals, 2014, 590, 186-192.	0.4	12
29	Polymer films based on silk fibroin and collagen - the physico-chemical properties. Molecular Crystals and Liquid Crystals, 2016, 640, 13-20.	0.4	12
30	Biodegradable Chitosan Decreases the Immune Response to Trichinella spiralis in Mice. Molecules, 2017, 22, 2008.	1.7	11
31	Biocomposites for Orthopedic and Dental Application. Key Engineering Materials, 0, 672, 261-275.	0.4	10
32	Surface properties of chitosan composites with poly(N-vinylpyrrolidone) and montmorillonite. Polymer Science - Series A, 2017, 59, 215-222.	0.4	9
33	Effect of an ionic liquid on the physicochemical properties of chitosan/poly(vinyl alcohol) mixtures. International Journal of Biological Macromolecules, 2020, 147, 1156-1163.	3.6	9
34	CHARACTERISATION OF CHITOSAN AFTER CROSS-LINKING BY TANNIC ACID. Progress on Chemistry and Application of Chitin and Its Derivatives, 2014, 19, 135-138.	0.1	9
35	CHARACTERISATION OF CHITOSAN/HYALURONIC ACID BLEND FILMS MODIFIED BY COLLAGEN. Progress on Chemistry and Application of Chitin and Its Derivatives, 2017, XXII, 125-134.	0.1	9
36	Biopolymer Blends as Potential Biomaterials and Cosmetic Materials. Key Engineering Materials, 0, 583, 95-100.	0.4	8

#	Article	IF	Citations
37	Miscibility Studies of Hyaluronic Acid and Poly(Vinyl Alcohol) Blends in Various Solvents. Materials, 2020, 13, 4750.	1.3	6
38	Structure and Interactions in Chitosan Composites. Key Engineering Materials, 0, 672, 257-260.	0.4	5
39	Effect of Solvent on the Hydrodynamic Properties of Collagen. Polymers, 2021, 13, 3626.	2.0	5
40	Influence of molecular weight on structure and rheological properties of microcrystalline chitosan mixtures. International Journal of Biological Macromolecules, 2015, 79, 583-586.	3.6	4
41	INFLUENCE OF THE INTERMOLECULAR INTERACTION ON PHYSICO-CHEMICAL PROPERTIES OF CHITOSAN/HYALURONIC ACID BLENDS. Progress on Chemistry and Application of Chitin and Its Derivatives, 2015, XX, 170-176.	0.1	3
42	Characterisation of Hyaluronic Acid Blends Modified by Poly(N-Vinylpyrrolidone). Molecules, 2021, 26, 5233.	1.7	2
43	VISCOMETRIC STUDIES OF CHITOSAN/POLYACRYLAMIDE MIXTURES. Progress on Chemistry and Application of Chitin and Its Derivatives, 2014, 19, 73-78.	0.1	2
44	PHYSICO-CHEMICAL PROPERTIES OF CHITOSAN COMPOSITES WITH SYNTHETIC POLYMERS AND INORGANIC ADDITIVES. Progress on Chemistry and Application of Chitin and Its Derivatives, 2015, XX, 162-169.	0.1	2
45	THE INFLUENCE OF THE TYPE SOLVENT ON THE STRUCTURE OF CHITOSAN BLENDS WITH HYALURONIC ACID. Progress on Chemistry and Application of Chitin and Its Derivatives, 2016, 21, 147-153.	0.1	2
46	MISCIBILITY AND INTERACTIONS IN CHITOSAN AND POLYACRYLAMIDE MIXTURES. Progress on Chemistry and Application of Chitin and Its Derivatives, 2014, 19, 65-71.	0.1	1
47	CHARACTERISATION OF THIN CHITOSAN FILMS FOR GUIDED TISSUE REGENERATION PURPOSES. Progress on Chemistry and Application of Chitin and Its Derivatives, 2017, XXII, 118-124.	0.1	1
48	RHEOLOGICAL AND MECHANICAL STUDIES OF CHITOSAN BLENDS WITH THE ADDITION OF AN IONIC LIQUID. Progress on Chemistry and Application of Chitin and Its Derivatives, 2019, XXIV, 119-126.	0.1	1
49	SURFACE PROPERTIES OF CHITOSAN COMPOSITES WITH POLY(VINYL ALCOHOL) AND HYDROXYAPATITE. Progress on Chemistry and Application of Chitin and Its Derivatives, 2015, XX, 177-182.	0.1	0