

Alina Sionkowska

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.

149 papers	5,142 citations	40 h-index	65 g-index
156 ext. papers	6,025 ext. citations	4.6 avg, IF	6.53 L-index

#	Paper	IF	Citations
149	Surface Property Modification of Collagen, Hyaluronic Acid, and Chitosan Films with the Neodymium Laser. <i>Polysaccharides</i> , 2022 , 3, 178-187	3	2
148	Physicochemical Performance of Collagen Modified by Melissa officinalis Extract. <i>Cosmetics</i> , 2021 , 8, 95	2.7	2
147	Spectroscopic studies of UV-irradiated poly(vinyl alcohol)/elastin blends. <i>International Journal of Polymer Analysis and Characterization</i> , 2021 , 26, 84-96	1.7	0
146	The Influence of Salicin on Rheological and Film-Forming Properties of Collagen. <i>Molecules</i> , 2021 , 26,	4.8	3
145	Effect of Crosslinking Type on the Physical-Chemical Properties and Biocompatibility of Chitosan-Based Electrospun Membranes. <i>Polymers</i> , 2021 , 13,	4.5	13
144	Study of castor oil-based auxetic polyurethane foams for cushioning applications. <i>Polymer International</i> , 2021 , 70, 1631	3.3	2
143	Plant-Derived Colorants for Food, Cosmetic and Textile Industries: A Review. <i>Materials</i> , 2021 , 14,	3.5	5
142	Biomaterials with Potential Use in Bone Tissue Regeneration-Collagen/Chitosan/Silk Fibroin Scaffolds Cross-Linked by EDC/NHS. <i>Materials</i> , 2021 , 14,	3.5	11
141	Is Dialdehyde Chitosan a Good Substance to Modify Physicochemical Properties of Biopolymeric Materials?. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
140	How to Improve Physico-Chemical Properties of Silk Fibroin Materials for Biomedical Applications?-Blending and Cross-Linking of Silk Fibroin-A Review. <i>Materials</i> , 2021 , 14,	3.5	8
139	Collagen blended with natural polymers: Recent advances and trends. <i>Progress in Polymer Science</i> , 2021 , 122, 101452	29.6	10
138	The Influence of UV Light on Rheological Properties of Collagen Extracted from Silver Carp Skin. <i>Materials</i> , 2020 , 13,	3.5	6
137	Biopolymers for hydrogels in cosmetics: review. <i>Journal of Materials Science: Materials in Medicine</i> , 2020 , 31, 50	4.5	56
136	Current methods of collagen cross-linking: Review. <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 550-560	7.9	46
135	Chitosan-based electrospun membranes: Effects of solution viscosity, coagulant and crosslinker. <i>Carbohydrate Polymers</i> , 2020 , 235, 115976	10.3	38
134	Physico-Chemical Characterization and Biological Tests of Collagen/Silk Fibroin/Chitosan Scaffolds Cross-Linked by Dialdehyde Starch. <i>Polymers</i> , 2020 , 12,	4.5	26
133	Surface and antibacterial properties of thin films based on collagen and thymol. <i>Materials Today Communications</i> , 2020 , 22, 100949	2.5	7

132	Preparation and characterization of collagen/hyaluronic acid/chitosan film crosslinked with dialdehyde starch. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 290-295	7.9	18
131	Properties of scaffolds based on chitosan and collagen with bioglass 45S5. <i>IET Nanobiotechnology</i> , 2020 , 14, 830-832	2	1
130	Preparation and characterization of collagen/chitosan composites with silver nanoparticles. <i>Polymer Composites</i> , 2020 , 41, 951-957	3	10
129	Collagen Based Materials in Cosmetic Applications: A Review. <i>Materials</i> , 2020 , 13,	3.5	24
128	Preparation and characterization of new materials based on silk fibroin, chitosan and nanohydroxyapatite. <i>International Journal of Polymer Analysis and Characterization</i> , 2020 , 25, 315-333	1.7	5
127	Design, characterization and in vitro evaluation of thin films enriched by tannic acid complexed by Fe(III) ions. <i>Progress in Biomaterials</i> , 2020 , 9, 249-257	4.4	2
126	Silk Fibroin/Collagen/Chitosan Scaffolds Cross-Linked by a Glyoxal Solution as Biomaterials toward Bone Tissue Regeneration. <i>Materials</i> , 2020 , 13,	3.5	16
125	Hyaluronic Acid as a Component of Natural Polymer Blends for Biomedical Applications: A Review. <i>Molecules</i> , 2020 , 25,	4.8	20
124	Modification of Collagen Properties with Ferulic Acid. <i>Materials</i> , 2020 , 13,	3.5	6
123	Characterization of scaffolds based on chitosan and collagen with glycosaminoglycans. <i>International Journal of Polymer Analysis and Characterization</i> , 2019 , 24, 374-380	1.7	1
122	The influence of UV-radiation on hyaluronic acid and its blends with addition of collagen and chitosan. <i>International Journal of Polymer Analysis and Characterization</i> , 2019 , 24, 285-294	1.7	2
121	The film-forming properties of chitosan with tannic acid addition. <i>Materials Letters</i> , 2019 , 245, 22-24	3.3	21
120	The characterization of thin films based on chitosan and tannic acid mixture for potential applications as wound dressings. <i>Polymer Testing</i> , 2019 , 78, 106007	4.5	21
119	Bacterial nanocelullose in biomedical applications: a review. <i>Polymer International</i> , 2019 , 68, 1841-1847	3.3	18
118	Papers from the 1st International Conference on Chemistry for Beauty and Health (Beauty-Torun2018). <i>Pure and Applied Chemistry</i> , 2019 , 91, 1479-1480	2.1	
117	Design and Characterization of Porous Collagen/Gelatin/Hydroxyethyl Cellulose Matrices Containing Microspheres Based on ECarraageenan. <i>Advanced Structured Materials</i> , 2019 , 151-157	0.6	0
116	Preparation and characterization of collagen/chitosan poly (ethylene glycol)/nanohydroxyapatite composite scaffolds. <i>Polymers for Advanced Technologies</i> , 2019 , 30, 799-803	3.2	8
115	Influence of glycosaminoglycans on the properties of thin films based on chitosan/collagen blends. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 80, 189-193	4.1	15

114	Antimicrobial activity of new materials based on the blends of collagen/chitosan/hyaluronic acid with gentamicin sulfate addition. <i>Materials Science and Engineering C</i> , 2018 , 86, 103-108	8.3	39
113	Carrageenan-based hydrogels: Effect of sorbitol and glycerin on the stability, swelling and mechanical properties. <i>Polymer Testing</i> , 2018 , 67, 7-11	4.5	33
112	Preliminary in vitro and in vivo assessment of modified collagen/hydroxyapatite composite. <i>Materials Letters</i> , 2018 , 221, 74-76	3.3	7
111	Incorporation of magnetite particles in 3D matrices made from the blends of collagen, chitosan, and hyaluronic acid. <i>Advances in Polymer Technology</i> , 2018 , 37, 2905-2914	1.9	9
110	New composite materials prepared by calcium phosphate precipitation in chitosan/collagen/hyaluronic acid sponge cross-linked by EDC/NHS. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 247-253	7.9	54
109	The application of chitosan/collagen/hyaluronic acid sponge cross-linked by dialdehyde starch addition as a matrix for calcium phosphate in situ precipitation. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 470-477	7.9	23
108	In vivo study on scaffolds based on chitosan, collagen, and hyaluronic acid with hydroxyapatite. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 938-944	7.9	28
107	Physicochemical properties of scaffolds based on mixtures of chitosan, collagen and glycosaminoglycans with nano-hydroxyapatite addition. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 1880-1883	7.9	10
106	Collagen/Gelatin/Hydroxyethyl Cellulose Composites Containing Microspheres Based on Collagen and Gelatin: Design and Evaluation. <i>Polymers</i> , 2018 , 10,	4.5	21
105	Scaffolds based on chitosan and collagen with glycosaminoglycans cross-linked by tannic acid. <i>Polymer Testing</i> , 2018 , 65, 163-168	4.5	24
104	Chitosan/collagen blends with inorganic and organic additive-A review. <i>Advances in Polymer Technology</i> , 2018 , 37, 2367-2376	1.9	16
103	The physicochemical properties of 3D materials based on hyaluronic acid modified by tannic acid addition. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 670, 90-96	0.5	8
102	Preparation and characterization of biopolymeric films with magnetic properties. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 670, 80-89	0.5	1
101	In vivo studies of novel scaffolds with tannic acid addition. <i>Polymer Degradation and Stability</i> , 2018 , 158, 26-30	4.7	10
100	The preparation and characterization of composite materials by incorporating microspheres into a collagen/hydroxyethyl cellulose matrix. <i>Polymer Testing</i> , 2018 , 69, 350-358	4.5	9
99	The review of versatile application of collagen. <i>Polymers for Advanced Technologies</i> , 2017 , 28, 4-9	3.2	67
98	Preparation and characterization of composites based on the blends of collagen, chitosan and hyaluronic acid with nano-hydroxyapatite. <i>International Journal of Biological Macromolecules</i> , 2017 , 102, 658-666	7.9	41
97	Stabilizing effect of carbodiimide and dehydrothermal treatment crosslinking on the properties of collagen/hydroxyapatite scaffolds. <i>Polymer International</i> , 2017 , 66, 1164-1172	3.3	9

96	PEG-dialdehydeThe new cross-linking agent for collagen/elastin hydrogels. <i>Polymers for Advanced Technologies</i> , 2017 , 28, 763-767	3.2	6
95	Antimicrobial activity of collagen material with thymol addition for potential application as wound dressing. <i>Polymer Testing</i> , 2017 , 63, 360-366	4.5	36
94	The comparison of physic-chemical properties of chitosan/collagen/hyaluronic acid composites with nano-hydroxyapatite cross-linked by dialdehyde starch and tannic acid. <i>Polymer Testing</i> , 2017 , 62, 171-176	4.5	31
93	Preparation and characterization of 3D collagen materials with magnetic properties. <i>Polymer Testing</i> , 2017 , 62, 382-391	4.5	21
92	Preparation and characterization of collagen/chitosan/hyaluronic acid thin films for application in hair care cosmetics. <i>Pure and Applied Chemistry</i> , 2017 , 89, 1829-1839	2.1	37
91	The cells viability study on the composites of chitosan and collagen with glycosaminoglycans isolated from fish skin. <i>Materials Letters</i> , 2017 , 206, 166-168	3.3	12
90	Collagen-based scaffolds enriched with glycosaminoglycans isolated from skin of <i>Salmo salar</i> fish. <i>Polymer Testing</i> , 2017 , 62, 132-136	4.5	15
89	Phase Behaviour and Miscibility Studies of Collagen/Silk Fibroin Macromolecular System in Dilute Solutions and Solid State. <i>Molecules</i> , 2017 , 22,	4.8	13
88	Evaluation of Sebostatic Activity of <i>Juniperus communis</i> Fruit Oil and <i>Pelargonium graveolens</i> Oil Compared to Niacinamide. <i>Cosmetics</i> , 2017 , 4, 36	2.7	2
87	CHARACTERISATION OF CHITOSAN/HYALURONIC ACID BLEND FILMS MODIFIED BY COLLAGEN. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2017 , XXII, 125-134	0.7	4
86	Drug Release from Porous Matrixes based on Natural Polymers. <i>Current Pharmaceutical Biotechnology</i> , 2017 , 18, 721-729	2.6	10
85	Characterization of gelatin and chitosan scaffolds cross-linked by addition of dialdehyde starch. <i>Biomedical Materials (Bristol)</i> , 2017 , 13, 015016	3.5	13
84	Surface and thermal properties of collagen/hyaluronic acid blends containing chitosan. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 371-376	7.9	38
83	Gentamicin release from chitosan and collagen composites. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 35, 353-359	4.5	28
82	3D composites based on the blends of chitosan and collagen with the addition of hyaluronic acid. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 442-8	7.9	66
81	Properties and Characterization of Chitosan/Collagen/PMMA Composites Containing Hydroxyapatite. <i>Key Engineering Materials</i> , 2016 , 672, 247-256	0.4	6
80	Collagen/elastin hydrogels cross-linked by squaric acid. <i>Materials Science and Engineering C</i> , 2016 , 60, 100-108	8.3	32
79	Characterization of silk fibroin 3D composites modified by collagen. <i>Journal of Molecular Liquids</i> , 2016 , 215, 323-327	6	21

78	Structure and Interactions in Chitosan Composites. <i>Key Engineering Materials</i> , 2016 , 672, 257-260	0.4	4
77	THE INFLUENCE OF THE TYPE SOLVENT ON THE STRUCTURE OF CHITOSAN BLENDS WITH HYALURONIC ACID. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2016 , 21, 147-153 ^{0.7}	0.7	2
76	Biopolymeric nanocomposites for potential biomedical applications. <i>Polymer International</i> , 2016 , 65, 1123-1131	3.3	14
75	L-ascorbic acid release from polymeric matrixes based on blends of chitosan, collagen and hyaluronic acid. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 640, 46-53	0.5	4
74	Preparation and characterization of silk fibroin/collagen sponge with nanohydroxyapatite. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 640, 106-112	0.5	10
73	Physico-chemical properties of three-component mixtures based on chitosan, hyaluronic acid and collagen. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 640, 21-29	0.5	12
72	Modification of 3D materials based on chitosan and collagen blends by sodium alginate. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 640, 39-45	0.5	12
71	Preparation and characterization of silk fibroin/collagen sponge modified by chemical cross-linking. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 640, 180-190	0.5	11
70	Polymer films based on silk fibroin and collagen - the physico-chemical properties. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 640, 13-20	0.5	8
69	The miscibility of collagen/hyaluronic acid/chitosan blends investigated in dilute solutions and solids. <i>Journal of Molecular Liquids</i> , 2016 , 220, 726-730	6	42
68	Is dialdehyde starch a valuable cross-linking agent for collagen/elastin based materials?. <i>Journal of Materials Science: Materials in Medicine</i> , 2016 , 27, 67	4.5	20
67	Biocomposites for Orthopedic and Dental Application. <i>Key Engineering Materials</i> , 2016 , 672, 261-275	0.4	8
66	Isolation and characterization of collagen from the skin of <i>Brama australis</i> . <i>International Journal of Biological Macromolecules</i> , 2015 , 80, 605-9	7.9	30
65	Biofilm formation on the surface of polylactide during its biodegradation in different environments. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 340-5	6	25
64	Northern pike (<i>Esox lucius</i>) collagen: Extraction, characterization and potential application. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 220-7	7.9	60
63	The influence of UV-irradiation on chitosan modified by the tannic acid addition. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 148, 333-339	6.7	36
62	Chitosan blends containing hyaluronic acid and collagen. Compatibility behaviour. <i>Journal of Molecular Liquids</i> , 2015 , 212, 879-884	6	23
61	The potential of polymers from natural sources as components of the blends for biomedical and cosmetic applications. <i>Pure and Applied Chemistry</i> , 2015 , 87, 1075-1084	2.1	9

60	Effects of different crosslinking methods on the properties of collagen-calcium phosphate composite materials. <i>International Journal of Biological Macromolecules</i> , 2015 , 74, 397-403	7.9	63
59	Miscibility and physical properties of chitosan and silk fibroin mixtures. <i>Journal of Molecular Liquids</i> , 2014 , 198, 354-357	6	20
58	The influence of UV-irradiation on thermal and mechanical properties of chitosan and silk fibroin mixtures. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 140, 301-5	6.7	33
57	Modification by UV radiation of the surface of thin films based on collagen extracted from fish scales. <i>Biointerphases</i> , 2014 , 9, 029003	1.8	3
56	Modification of collagen and chitosan mixtures by the addition of tannic acid. <i>Journal of Molecular Liquids</i> , 2014 , 199, 318-323	6	71
55	Characterization of chitosan composites with various clays. <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 534-41	7.9	65
54	The Processes Induced by UV Light in Biopolymers and Biopolymer Composites. <i>Molecular Crystals and Liquid Crystals</i> , 2014 , 590, 17-23	0.5	4
53	Dialysis as a method of obtaining neutral collagen gels. <i>Materials Science and Engineering C</i> , 2014 , 40, 65-70	8.3	22
52	Surface properties of thin films based on the mixtures of chitosan and silk fibroin. <i>Journal of Molecular Liquids</i> , 2013 , 186, 157-162	6	39
51	Biological Properties of Chitosan/Collagen Composites. <i>Key Engineering Materials</i> , 2013 , 587, 205-210	0.4	10
50	Preparation and characterization of silk fibroin/chitosan composite sponges for tissue engineering. <i>Journal of Molecular Liquids</i> , 2013 , 178, 5-14	6	96
49	Properties and modification of porous 3-D collagen/hydroxyapatite composites. <i>International Journal of Biological Macromolecules</i> , 2013 , 52, 250-9	7.9	107
48	Biopolymer Blends as Potential Biomaterials and Cosmetic Materials. <i>Key Engineering Materials</i> , 2013 , 583, 95-100	0.4	7
47	Fish Scales as a Biocomposite of Collagen and Calcium Salts. <i>Key Engineering Materials</i> , 2013 , 587, 185-190	0.4	12
46	Natural Polymers as Components of Blends for Biomedical Applications 2013 , 309-342		5
45	Bombyx mori silk protein films microprocessing with a nanosecond ultraviolet laser and a femtosecond laser workstation: theory and experiments. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 106, 67-77	2.6	15
44	Collagen Based Materials for Biomedical Applications: Preparation and Properties. <i>Materials Science Forum</i> , 2012 , 706-709, 595-599	0.4	7
43	Photochemical behaviour of hydrolysed keratin. <i>International Journal of Cosmetic Science</i> , 2011 , 33, 503-8	7.7	14

42	Current research on the blends of natural and synthetic polymers as new biomaterials: Review. <i>Progress in Polymer Science</i> , 2011 , 36, 1254-1276	29.6	632
41	The influence of UV radiation on silk fibroin. <i>Polymer Degradation and Stability</i> , 2011 , 96, 523-528	4.7	73
40	Characterization of collagen/hydroxyapatite composite sponges as a potential bone substitute. <i>International Journal of Biological Macromolecules</i> , 2010 , 47, 483-7	7.9	79
39	Chemical and thermal cross-linking of collagen and elastin hydrolysates. <i>International Journal of Biological Macromolecules</i> , 2010 , 47, 570-7	7.9	72
38	UV-vis and FT-IR spectra of ultraviolet irradiated collagen in the presence of antioxidant ascorbic acid. <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 448-55	7	52
37	Model properties relevant to laser ablation of moderately absorbing polymers. <i>Applied Physics A: Materials Science and Processing</i> , 2010 , 101, 215-224	2.6	20
36	Surface properties of UV-irradiated poly(vinyl alcohol) films containing small amount of collagen. <i>Applied Surface Science</i> , 2009 , 255, 4135-4139	6.7	15
35	Modeling the dynamics of one laser pulse surface nanofoaming of biopolymers. <i>Applied Physics A: Materials Science and Processing</i> , 2009 , 94, 719-729	2.6	18
34	Collagen-synthetic polymer interactions in solution and in thin films. <i>Journal of Molecular Liquids</i> , 2009 , 145, 135-138	6	28
33	Surface characterization of collagen/elastin based biomaterials for tissue regeneration. <i>Applied Surface Science</i> , 2009 , 255, 8286-8292	6.7	56
32	Collagen-DNA complex. <i>Biomacromolecules</i> , 2008 , 9, 21-8	6.9	25
31	Collagen fibrils in UV irradiated poly(vinyl pyrrolidone) films. <i>Applied Surface Science</i> , 2008 , 255, 2030-2039	6.7	15
30	Spectroscopic studies into the influence of UV radiation on elastin in the presence of collagen. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007 , 86, 186-91	6.7	10
29	Spectroscopic study of a KrF excimer laser treated surface of the thin collagen films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007 , 188, 192-199	4.7	52
28	The influence of UV irradiation on the surface of chitosan films. <i>Surface Science</i> , 2006 , 600, 3775-3779	1.8	64
27	Effects of solar radiation on collagen-based biomaterials. <i>International Journal of Photoenergy</i> , 2006 , 2006, 1-6	2.1	11
26	The influence of UV irradiation on surface composition of collagen/PVP blended films. <i>Applied Surface Science</i> , 2006 , 253, 1970-1977	6.7	47
25	Thermal and mechanical properties of UV irradiated collagen/chitosan thin films. <i>Polymer Degradation and Stability</i> , 2006 , 91, 3026-3032	4.7	68

24	Effects of solar radiation on collagen and chitosan films. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006 , 82, 9-15	6.7	47
23	Flash photolysis and pulse radiolysis studies on collagen Type I in acetic acid solution. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006 , 84, 38-45	6.7	19
22	Spectroscopic studies into the influence of UV radiation on elastin hydrolysates in water solution. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006 , 85, 79-84	6.7	18
21	Photochemical stability of collagen/poly(ethylene oxide) blends. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006 , 177, 61-67	4.7	26
20	Thermal denaturation of UV-irradiated wet rat tail tendon collagen. <i>International Journal of Biological Macromolecules</i> , 2005 , 35, 145-9	7.9	41
19	Thermal stability of UV-irradiated collagen in bovine lens capsules and in bovine cornea. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2005 , 80, 87-92	6.7	17
18	Stimuli responsive gels based on interpenetrating network of chitosan and poly(vinylpyrrolidone). <i>Polymer</i> , 2005 , 46, 1595-1600	3.9	47
17	Preparation of ready-to-use, stockable and reconstituted collagen. <i>Macromolecular Bioscience</i> , 2005 , 5, 821-8	5.5	62
16	Surface foaming of collagen, chitosan and other biopolymer films by KrF excimer laser ablation in the photomechanical regime. <i>Applied Physics A: Materials Science and Processing</i> , 2005 , 81, 465-470	2.6	69
15	The photochemical stability of collagen-chitosan blends. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004 , 162, 545-554	4.7	42
14	Photochemical stability of collagen/poly (vinyl alcohol) blends. <i>Polymer Degradation and Stability</i> , 2004 , 83, 117-125	4.7	51
13	Molecular interactions in collagen and chitosan blends. <i>Biomaterials</i> , 2004 , 25, 795-801	15.6	365
12	Thermal analysis and characterisation of cellulose oxidised with sodium methaperiodate. <i>Thermochimica Acta</i> , 2004 , 418, 123-130	2.9	85
11	Mechanical properties of UV irradiated rat tail tendon (RTT) collagen. <i>International Journal of Biological Macromolecules</i> , 2004 , 34, 9-12	7.9	42
10	Camphorquinone-mines photoinitiating systems for the initiation of free radical polymerization. <i>Polymer</i> , 2003 , 44, 5219-5226	3.9	221
9	Interaction of collagen and poly(vinyl pyrrolidone) in blends. <i>European Polymer Journal</i> , 2003 , 39, 2135-2140	4.4	69
8	Modification of collagen films by ultraviolet irradiation. <i>Polymer Degradation and Stability</i> , 2000 , 68, 147-151	4.5	64
7	Identification of an intermediate state in the helix-coil degradation of collagen by ultraviolet light. <i>Journal of Biological Chemistry</i> , 2000 , 275, 33014-20	5.4	77

6	Changes induced by ultraviolet light in fluorescence of collagen in the presence of β -carotene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999 , 120, 207-210	4.7	30
5	Photochemical transformations in collagen in the presence of melanin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999 , 124, 91-94	4.7	19
4	Thermal helix-coil transition in UV irradiated collagen from rat tail tendon. <i>International Journal of Biological Macromolecules</i> , 1999 , 24, 337-40	7.9	68
3	The effect of UV radiation on the thermal parameters of collagen degradation. <i>Polymer Degradation and Stability</i> , 1996 , 51, 15-18	4.7	45
2	Effect of UV radiation on the infrared spectra of collagen. <i>Polymer Degradation and Stability</i> , 1996 , 51, 19-26	4.7	107
1	Photochemical transformations in collagen in the presence of β -carotene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996 , 96, 123-127	4.7	22