

Justyna Kozłowska

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,422
citations

393982

19
h-index

344852

36
g-index

54
all docs

54
docs citations

54
times ranked

2042
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties and modification of porous 3-D collagen/hydroxyapatite composites. International Journal of Biological Macromolecules, 2013, 52, 250-259.	3.6	125
2	Surface modification of thin polymeric films by air-plasma or UV-irradiation. Surface Science, 2002, 507-510, 883-888.	0.8	97
3	Characterization of collagen/hydroxyapatite composite sponges as a potential bone substitute. International Journal of Biological Macromolecules, 2010, 47, 483-487.	3.6	97
4	Chemical and thermal cross-linking of collagen and elastin hydrolysates. International Journal of Biological Macromolecules, 2010, 47, 570-577.	3.6	90
5	Northern pike (<i>Esox lucius</i>) collagen: Extraction, characterization and potential application. International Journal of Biological Macromolecules, 2015, 81, 220-227.	3.6	83
6	Effects of different crosslinking methods on the properties of collagen-calcium phosphate composite materials. International Journal of Biological Macromolecules, 2015, 74, 397-403.	3.6	73
7	New composite materials prepared by calcium phosphate precipitation in chitosan/collagen/hyaluronic acid sponge cross-linked by EDC/NHS. International Journal of Biological Macromolecules, 2018, 107, 247-253.	3.6	67
8	Microparticles based on natural and synthetic polymers for cosmetic applications. International Journal of Biological Macromolecules, 2019, 129, 952-956.	3.6	47
9	Isolation and characterization of collagen from the skin of <i>Brama australis</i> . International Journal of Biological Macromolecules, 2015, 80, 605-609.	3.6	44
10	Carrageenan-based hydrogels: Effect of sorbitol and glycerin on the stability, swelling and mechanical properties. Polymer Testing, 2018, 67, 7-11.	2.3	43
11	The influence of UV irradiation on the properties of chitosan films containing keratin. Polymer Degradation and Stability, 2010, 95, 2486-2491.	2.7	40
12	Studies of chitosan/pectin complexes exposed to UV radiation. International Journal of Biological Macromolecules, 2017, 103, 515-524.	3.6	39
13	Surface characteristics of UV-irradiated collagen/PVP blended films. Surface Science, 2004, 566-568, 608-612.	0.8	37
14	Collagen/Gelatin/Hydroxyethyl Cellulose Composites Containing Microspheres Based on Collagen and Gelatin: Design and Evaluation. Polymers, 2018, 10, 456.	2.0	37
15	Effect of plasticizer and surfactant on the properties of poly(vinyl alcohol)/chitosan films. International Journal of Biological Macromolecules, 2020, 164, 2100-2107.	3.6	30
16	From Supramolecular Hydrogels to Multifunctional Carriers for Biologically Active Substances. International Journal of Molecular Sciences, 2021, 22, 7402.	1.8	30
17	Photochemical Reactions in Dialdehyde Starch. Molecules, 2018, 23, 3358.	1.7	24
18	Photochemical behaviour of hydrolysed keratin. International Journal of Cosmetic Science, 2011, 33, 503-508.	1.2	22

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19	Photochemical stability of poly(vinyl alcohol) in the presence of collagen. <i>Polymer Degradation and Stability</i> , 2009, 94, 383-388.	2.7	21
20	Stability studies of collagen-based microspheres with <i>Calendula officinalis</i> flower extract. <i>Polymer Degradation and Stability</i> , 2019, 163, 214-219.	2.7	21
21	Physico-Chemical and Light-Induced Properties of Quinoline Azo-dyes Polymers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5755.	1.8	20
22	Fish Scales as a Biocomposite of Collagen and Calcium Salts. <i>Key Engineering Materials</i> , 0, 587, 185-190.	0.4	19
23	Collagen matrices containing poly(vinyl alcohol) microcapsules with retinyl palmitate – Structure, stability, mechanical and swelling properties. <i>Polymer Degradation and Stability</i> , 2019, 161, 108-113.	2.7	19
24	New piezoelectric composites based on isotactic polypropylene filled with silicate. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 6435-6447.	1.1	18
25	The chitosan – Porphyrine hybrid materials and their photochemical properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 1-13.	1.7	18
26	Photo-triggered capsules based on lanthanide-doped upconverting nanoparticles for medical applications. <i>Coordination Chemistry Reviews</i> , 2019, 398, 213013.	9.5	17
27	Collagen fibrils in UV irradiated poly(vinyl pyrrolidone) films. <i>Applied Surface Science</i> , 2008, 255, 2030-2039.	3.1	16
28	Surface properties of UV-irradiated poly(vinyl alcohol) films containing small amount of collagen. <i>Applied Surface Science</i> , 2009, 255, 4135-4139.	3.1	16
29	Weathering of chitosan films in the presence of low- and high-molecular weight additives. <i>Carbohydrate Polymers</i> , 2011, 84, 900-906.	5.1	16
30	Stability and anti-proliferative properties of biologically active compounds extracted from <i>Cistus L.</i> after sterilization treatments. <i>Scientific Reports</i> , 2020, 10, 6521.	1.6	16
31	Collagen fibril formation in poly(vinyl alcohol) and poly(vinyl pyrrolidone) films. <i>Journal of Molecular Liquids</i> , 2009, 144, 71-74.	2.3	13
32	Design of Sodium Alginate/Gelatin-Based Emulsion Film Fused with Polylactide Microparticles Charged with Plant Extract. <i>Materials</i> , 2021, 14, 745.	1.3	13
33	Preparation and characterization of collagen/chitosan poly (ethylene glycol)/nanohydroxyapatite composite scaffolds. <i>Polymers for Advanced Technologies</i> , 2019, 30, 799-803.	1.6	12
34	Photochemical stability of poly(vinyl pyrrolidone) in the presence of collagen. <i>Polymer Degradation and Stability</i> , 2008, 93, 2127-2132.	2.7	11
35	Stabilizing effect of carbodiimide and dehydrothermal treatment crosslinking on the properties of collagen/hydroxyapatite scaffolds. <i>Polymer International</i> , 2017, 66, 1164-1172.	1.6	11
36	The preparation and characterization of composite materials by incorporating microspheres into a collagen/hydroxyethyl cellulose matrix. <i>Polymer Testing</i> , 2018, 69, 350-358.	2.3	11

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37	Preliminary in vitro and in vivo assessment of modified collagen/hydroxyapatite composite. <i>Materials Letters</i> , 2018, 221, 74-76.	1.3	10
38	Influence of glass beads filler and orientation process on piezoelectric properties of polyethylene composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 21032-21047.	1.1	10
39	Modification of Collagen/Gelatin/Hydroxyethyl Cellulose-Based Materials by Addition of Herbal Extract-Loaded Microspheres Made from Gellan Gum and Xanthan Gum. <i>Materials</i> , 2020, 13, 3507.	1.3	10
40	Surface and thermal behavior of chitosan/poly(ethylene oxide) blends. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 640, 78-89.	0.4	9
41	Surface Studies of UV Irradiated Polypropylene Films Modified with Mineral Fillers Designed as Piezoelectric Materials. <i>Polymers</i> , 2020, 12, 562.	2.0	9
42	Biopolymer Blends as Potential Biomaterials and Cosmetic Materials. <i>Key Engineering Materials</i> , 0, 583, 95-100.	0.4	8
43	Modification by UV radiation of the surface of thin films based on collagen extracted from fish scales. <i>Biointerphases</i> , 2014, 9, 029003.	0.6	8
44	Evaluation of Polymeric Matrix Loaded with Melatonin for Wound Dressing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5658.	1.8	8
45	Freeze-Dried Matrices Composed of Degradable Polymers with Surfactant-Loaded Microparticles Based on Pectin and Sodium Alginate. <i>Materials</i> , 2021, 14, 3044.	1.3	8
46	Controlling the Skin Barrier Quality through the Application of Polymeric Films Containing Microspheres with Encapsulated Plant Extract. <i>Processes</i> , 2020, 8, 530.	1.3	6
47	Lyophilized Emulsions in the Form of 3D Porous Matrices as a Novel Material for Topical Application. <i>Materials</i> , 2021, 14, 950.	1.3	6
48	Evaluation of Sebostatic Activity of Juniperus communis Fruit Oil and Pelargonium graveolens Oil Compared to Niacinamide. <i>Cosmetics</i> , 2017, 4, 36.	1.5	5
49	Bionanocellulose/Poly(Vinyl Alcohol) Composites Produced by In-Situ Method and Ex-Situ/Impregnation or Sterilization Methods. <i>Materials</i> , 2021, 14, 6340.	1.3	4
50	The influence of new polymeric microbeads in peeling products on skin condition. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 671, 140-147.	0.4	3
51	Corona Charging of Isotactic-Polypropylene Composites. <i>Polymers</i> , 2021, 13, 942.	2.0	2
52	The influence of UV-irradiation on the poly(vinyl alcohol)/hyaluronic acid film properties. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 680, 85-95.	0.4	1
53	Spectroscopic studies of UV-irradiated poly(vinyl alcohol)/elastin blends. <i>International Journal of Polymer Analysis and Characterization</i> , 2021, 26, 84-96.	0.9	1