

Nevena Manolova

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156
ext. papers

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ext. citations

4.3
avg, IF

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L-index

#	Paper	IF	Citations
147	Electrospun nano-fibre mats with antibacterial properties from quaternised chitosan and poly(vinyl alcohol). <i>Carbohydrate Research</i> , 2006 , 341, 2098-107	2.9	291
146	Novel antibacterial fibers of quaternized chitosan and poly(vinyl pyrrolidone) prepared by electrospinning. <i>European Polymer Journal</i> , 2007 , 43, 1112-1122	5.2	221
145	NMR Analysis of Low Molecular Weight Poly(lactic acid)s. <i>Macromolecules</i> , 1996 , 29, 3535-3539	5.5	182
144	Electrospun non-woven nanofibrous hybrid mats based on chitosan and PLA for wound-dressing applications. <i>Macromolecular Bioscience</i> , 2009 , 9, 102-11	5.5	163
143	Fullerene core star-like polymers. Preparation from fullerenes and monoazidopolyethers. <i>European Polymer Journal</i> , 1998 , 34, 905-915	5.2	130
142	Preparation, characterization and biological activity of Schiff base compounds derived from 8-hydroxyquinoline-2-carboxaldehyde and Jeffamines ED. <i>European Polymer Journal</i> , 2002 , 38, 989-999	5.2	117
141	Biocomposite scaffolds based on electrospun poly(3-hydroxybutyrate) nanofibers and electrospayed hydroxyapatite nanoparticles for bone tissue engineering applications. <i>Materials Science and Engineering C</i> , 2014 , 38, 161-9	8.3	95
140	Electrospun antibacterial chitosan-based fibers. <i>Macromolecular Bioscience</i> , 2013 , 13, 860-72	5.5	94
139	Drug-loaded electrospun materials in wound-dressing applications and in local cancer treatment. <i>Expert Opinion on Drug Delivery</i> , 2013 , 10, 469-83	8	91
138	Electrospinning of poly(vinyl pyrrolidone)βdine complex and poly(ethylene oxide)/poly(vinyl pyrrolidone)βdine complex as prospective route to antimicrobial wound dressing materials. <i>European Polymer Journal</i> , 2007 , 43, 1609-1623	5.2	91
137	Preparation of PLLA/PEG Nanofibers by Electrospinning and Potential Applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2007 , 22, 62-76	2	79
136	Electrospun nanofibrous mats containing quaternized chitosan and polylactide with in vitro antitumor activity against HeLa cells. <i>Biomacromolecules</i> , 2010 , 11, 1633-45	6.9	73
135	Polylactide stereocomplex-based electrospun materials possessing surface with antibacterial and hemostatic properties. <i>Biomacromolecules</i> , 2010 , 11, 151-9	6.9	71
134	Superhydrophobic PVDF and PVDF-HFP nanofibrous mats with antibacterial and anti-biofouling properties. <i>Applied Surface Science</i> , 2016 , 363, 363-371	6.7	69
133	Polyelectrolyte complexes between (cross-linked) N-carboxyethylchitosan and (quaternized) poly[2-(dimethylamino)ethyl methacrylate]: preparation, characterization, and antibacterial properties. <i>Biomacromolecules</i> , 2007 , 8, 976-84	6.9	69
132	Perspectives On: Criteria for Complex Evaluation of the Morphology and Alignment of Electrospun Polymer Nanofibers. <i>Journal of Bioactive and Compatible Polymers</i> , 2006 , 21, 465-479	2	68
131	Hydrolytic degradation of poly(oxyethylene)βpoly(ε-caprolactone) multiblock copolymers. <i>Journal of Applied Polymer Science</i> , 1998 , 68, 989-998	2.9	67

130	Electrospun curcumin-loaded cellulose acetate/polyvinylpyrrolidone fibrous materials with complex architecture and antibacterial activity. <i>Materials Science and Engineering C</i> , 2017 , 73, 206-214	8.3	65
129	Antitumor activity of quaternized chitosan-based electrospun implants against Graffi myeloid tumor. <i>International Journal of Pharmaceutics</i> , 2010 , 400, 221-33	6.5	64
128	Amphiphilic poly(D- or L-lactide)-b-poly(N,N-dimethylamino-2-ethyl methacrylate) block copolymers: controlled synthesis, characterization, and stereocomplex formation. <i>Biomacromolecules</i> , 2009 , 10, 1217-23	6.9	62
127	Electrospun chitosan-coated fibers of poly(L-lactide) and poly(L-lactide)/poly(ethylene glycol): preparation and characterization. <i>Macromolecular Bioscience</i> , 2008 , 8, 153-62	5.5	61
126	Polylactide (PLA)-Based Electrospun Fibrous Materials Containing Ionic Drugs as Wound Dressing Materials: A Review. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014 , 63, 657-671	3	60
125	Preparation of Polyelectrolyte-Containing Nanofibers by Electrospinning in the Presence of a Non-Ionogenic Water-Soluble Polymer. <i>Journal of Bioactive and Compatible Polymers</i> , 2005 , 20, 419-435 ²		60
124	Antibacterial fluoroquinolone antibiotic-containing fibrous materials from poly(L-lactide-co-D,L-lactide) prepared by electrospinning. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 642-51	5.1	53
123	Electrospinning/electrospraying vs. electrospinning: A comparative study on the design of poly(l-lactide)/zinc oxide non-woven textile. <i>Applied Surface Science</i> , 2014 , 311, 842-850	6.7	50
122	Preparation of chitosan-containing nanofibres by electrospinning of chitosan/poly(ethylene oxide) blend solutions. <i>E-Polymers</i> , 2004 , 4,	2.7	50
121	Poly(L-lactide) and poly(butylene succinate) immiscible blends: from electrospinning to biologically active materials. <i>Materials Science and Engineering C</i> , 2014 , 41, 119-26	8.3	48
120	Electrospun poly(L-lactide) membranes containing a single drug or multiple drug system for antimicrobial wound dressings. <i>Macromolecular Research</i> , 2011 , 19, 1310-1319	1.9	46
119	Hybrid nanofibrous yarns based on N-carboxyethylchitosan and silver nanoparticles with antibacterial activity prepared by self-bundling electrospinning. <i>Carbohydrate Research</i> , 2010 , 345, 2374-2380	2.8	44
118	Antibacterial PLA/PEG electrospun fibers: Comparative study between grafting and blending PEG. <i>European Polymer Journal</i> , 2016 , 75, 223-233	5.2	43
117	Amphiphilic derivatives of fullerenes formed by polymer modification. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1725		42
116	Enhancing the mechanical properties of electrospun polyester mats by heat treatment. <i>EXPRESS Polymer Letters</i> , 2015 , 9, 49-65	3.4	41
115	From design of bio-based biocomposite electrospun scaffolds to osteogenic differentiation of human mesenchymal stromal cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 1563-75	4.5	41
114	Fiber-optic glucose biosensor based on glucose oxidase immobilised in a silica gel matrix. <i>Journal of Sol-Gel Science and Technology</i> , 2009 , 50, 437-448	2.3	41
113	Polyelectrolyte complex between chitosan and poly(2-acryloylamido-2-methylpropanesulfonic acid). <i>Polymer Bulletin</i> , 1999 , 43, 67-73	2.4	41

112	Bicomponent aligned nanofibers of N-carboxyethylchitosan and poly(vinyl alcohol). <i>European Polymer Journal</i> , 2007 , 43, 2809-2818	5.2	40
111	Study of charge storage in the nanofibrous poly(ethylene terephthalate) electrets prepared by electrospinning or by corona discharge method. <i>European Polymer Journal</i> , 2008 , 44, 1962-1967	5.2	40
110	Multifunctional hybrid materials from poly(3-hydroxybutyrate), TiO ₂ nanoparticles, and chitosan oligomers by combining electrospinning/electrospraying and impregnation. <i>Macromolecular Bioscience</i> , 2013 , 13, 707-16	5.5	39
109	Synthesis of polymer-stabilized magnetic nanoparticles and fabrication of nanocomposite fibers thereof using electrospinning. <i>European Polymer Journal</i> , 2008 , 44, 615-627	5.2	39
108	Preparation and Properties of Modified Chitosan Films for Drug Release. <i>Journal of Bioactive and Compatible Polymers</i> , 1995 , 10, 285-298	2	39
107	Electrospun hybrid nanofibers based on chitosan or N-carboxyethylchitosan and silver nanoparticles. <i>Macromolecular Bioscience</i> , 2009 , 9, 884-94	5.5	37
106	FT-IR microscopy characterization of sol-gel layers prior and after glucose oxidase immobilization for biosensing applications. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 57, 204-211	2.3	35
105	Poly(acrylonitrile)chitosan composite membranes for urease immobilization. <i>Journal of Biotechnology</i> , 2007 , 129, 674-80	3.7	34
104	New Nanostructured Materials Based on Fullerene and Biodegradable Polyesters. <i>Chemistry of Materials</i> , 2006 , 18, 4917-4923	9.6	34
103	Curcumin-loaded poly(L-lactide-co-D,L-lactide) electrospun fibers: Preparation and antioxidant, anticoagulant, and antibacterial properties. <i>Journal of Bioactive and Compatible Polymers</i> , 2014 , 29, 607-627	2	33
102	Functionalized electrospun mats from styrene-maleic anhydride copolymers for immobilization of acetylcholinesterase. <i>European Polymer Journal</i> , 2010 , 46, 1966-1974	5.2	32
101	C60-containing nanostructured polymeric materials with potential biomedical applications. <i>Polymer</i> , 2007 , 48, 1835-1843	3.9	32
100	Electrospun microfibrillar poly(styrene-alt-maleic anhydride)/poly(styrene-co-maleic anhydride) mats tailored for enzymatic remediation of waters polluted by endocrine disruptors. <i>European Polymer Journal</i> , 2009 , 45, 2494-2504	5.2	31
99	Homopolymers of 5-chloro-8-quinolinyl acrylate and 5-chloro-8-quinolinyl methacrylate and their copolymers with acrylic and methacrylic acid. <i>European Polymer Journal</i> , 1996 , 32, 569-578	5.2	31
98	Poly(3-hydroxybutyrate)/caffeic acid electrospun fibrous materials coated with polyelectrolyte complex and their antibacterial activity and in vitro antitumor effect against HeLa cells. <i>Materials Science and Engineering C</i> , 2016 , 65, 379-92	8.3	31
97	Advanced centrifugal electrospinning setup. <i>Materials Letters</i> , 2014 , 136, 150-152	3.3	29
96	Antibacterial electrospun poly(ϵ -caprolactone)/ascorbyl palmitate nanofibrous materials. <i>International Journal of Pharmaceutics</i> , 2011 , 416, 346-55	6.5	29
95	Polyelectrolyte complexes based on (quaternized) poly[(2-dimethylamino)ethyl methacrylate]: behavior in contact with blood. <i>Macromolecular Bioscience</i> , 2007 , 7, 940-54	5.5	28

94	Novel electrospun poly(ϵ -caprolactone)-based bicomponent nanofibers possessing surface enriched in tertiary amino groups. <i>European Polymer Journal</i> , 2008 , 44, 566-578	5.2	28
93	Preparation of Well-Defined Poly[(ethylene oxide)-block-(sodium 2-acrylamido-2-methyl-1-propane sulfonate)] Diblock Copolymers by Water-Based Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1489-1494	4.8	28
92	5-Chloro-8-quinolinyl acrylate and n-vinyl-2-pyrrolidone copolymers: Synthesis, characterization and complexes with poly(methacrylic acid). <i>European Polymer Journal</i> , 1996 , 32, 325-330	5.2	28
91	Tuning of the surface biological behavior of poly(L-lactide)-based electrospun materials by polyelectrolyte complex formation. <i>Biomacromolecules</i> , 2010 , 11, 521-32	6.9	27
90	Electrospun mats from styrene/maleic anhydride copolymers: modification with amines and assessment of antimicrobial activity. <i>Macromolecular Bioscience</i> , 2010 , 10, 944-54	5.5	27
89	Novel Electrospun Nanofibers Composed of Polyelectrolyte Complexes. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 677-681	4.8	27
88	Comprehensive study on the formation of polyelectrolyte complexes from (quaternized) poly[2-(dimethylamino)ethyl methacrylate] and poly(2-acrylamido-2-methylpropane sodium sulfonate). <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5468-5479	2.5	27
87	Photocatalytic self-cleaning poly(L-lactide) materials based on a hybrid between nanosized zinc oxide and expanded graphite or fullerene. <i>Materials Science and Engineering C</i> , 2016 , 60, 184-194	8.3	25
86	Preparation and metal ion complexing ability of polyethers with 8-hydroxy-5-quinolinyl end-groups. <i>European Polymer Journal</i> , 1998 , 34, 1133-1141	5.2	25
85	Antibacterial and antimycotic activity of a cross-linked electrospun poly(vinyl pyrrolidone)-iodine complex and a poly(ethylene oxide)/poly(vinyl pyrrolidone)-iodine complex. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2008 , 19, 373-86	3.5	25
84	Quaternized chitosan/ ϵ -carrageenan/caffeic acid-coated poly(3-hydroxybutyrate) fibrous materials: Preparation, antibacterial and antioxidant activity. <i>International Journal of Pharmaceutics</i> , 2016 , 513, 528-537	6.5	25
83	Polymer fibers with magnetic core decorated with titanium dioxide prospective for photocatalytic water treatment. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 2075-2084	6.8	23
82	Chitosan/ferulic acid-coated poly(ϵ -caprolactone) electrospun materials with antioxidant, antibacterial and antitumor properties. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 689-702	7.9	23
81	Poly(3-hydroxybutyrate)-based hybrid materials with photocatalytic and magnetic properties prepared by electrospinning and electrospraying. <i>Journal of Materials Science</i> , 2014 , 49, 2144-2153	4.3	22
80	Antiproliferative activity of nanofibers containing quaternized chitosan and/or doxorubicin against MCF-7 human breast carcinoma cell line by apoptosis. <i>Journal of Bioactive and Compatible Polymers</i> , 2011 , 26, 539-551	2	22
79	Metal ion complex formation of poly(oxyethylene) with 5-chloro-8-quinolinoxyl end-groups. <i>European Polymer Journal</i> , 1995 , 31, 741-748	5.2	22
78	Modification of electrospun poly(ϵ -caprolactone) mats by formation of a polyelectrolyte complex between poly(acrylic acid) and quaternized chitosan for tuning of their antibacterial properties. <i>European Polymer Journal</i> , 2014 , 50, 18-29	5.2	21
77	Non-woven fibrous materials with antibacterial properties prepared by tailored attachment of quaternized chitosan to electrospun mats from maleic anhydride copolymer. <i>Macromolecular Bioscience</i> , 2012 , 12, 104-15	5.5	21

76	Hydrolysis and Antibacterial Activity of Polymers Containing 8-Quinoliny Acrylate. <i>Journal of Bioactive and Compatible Polymers</i> , 1997 , 12, 294-307	2	21
75	Immobilization of acetylcholinesterase on new modified acrylonitrile copolymer membranes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008 , 55, 169-176		20
74	Novel polyelectrolyte complexes between N-carboxyethylchitosan and synthetic polyelectrolytes. <i>European Polymer Journal</i> , 2006 , 42, 858-868	5.2	20
73	Antibacterial and antioxidant electrospun materials from poly(3-hydroxybutyrate) and polyvinylpyrrolidone containing caffeic acid phenethyl ester - "in" and "on" strategies for enhanced solubility. <i>International Journal of Pharmaceutics</i> , 2018 , 545, 342-356	6.5	19
72	Electrospun Polyacrylonitrile Nanofibrous Membranes Tailored for Acetylcholinesterase Immobilization. <i>Journal of Bioactive and Compatible Polymers</i> , 2010 , 25, 40-57	2	19
71	Dual vs. single spinneret electrospinning for the preparation of dual drug containing non-woven fibrous materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 439, 176-183	5.1	18
70	Tuning the properties of PVDF or PVDF-HFP fibrous materials decorated with ZnO nanoparticles by applying electrospinning alone or in conjunction with electrospraying. <i>Fibers and Polymers</i> , 2017 , 18, 649-657	2	18
69	Quaternized chitosan-coated nanofibrous materials containing gossypol: preparation by electrospinning, characterization and antiproliferative activity towards HeLa cells. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 10-24	6.5	18
68	Poly(ϵ -caprolactone)s with 5-nitro and 5-chloro-8-quinolinoxyl end-groups. <i>European Polymer Journal</i> , 1994 , 30, 1179-1185	5.2	18
67	Polyether-modified fullerenes. <i>Polymer Bulletin</i> , 1994 , 33, 175-182	2.4	17
66	Electrospun polylactide-based materials for curcumin release: Photostability, antimicrobial activity, and anticoagulant effect. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	17
65	Rheological characteristics of aqueous solutions of mixtures of chitosan and polyoxyethylene. <i>Polymer Bulletin</i> , 1998 , 41, 115-121	2.4	15
64	Separation of C60/C70 mixture on activated carbon and activated carbon fibres. <i>Carbon</i> , 1995 , 33, 209-218.	3.4	15
63	Preparation and properties of poly(oxyethylene)s with 5-chloro-8-quinolinoxyl end-groups. <i>European Polymer Journal</i> , 1993 , 29, 1407-1417	5.2	15
62	Optimized water-based ATRP of an anionic monomer: Comprehension and properties characterization. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 1108-1119	2.5	14
61	Fullerene core star-like polymers 2. Preparation from fullerenes and linear or cyclic monoaminopolyethers. <i>European Polymer Journal</i> , 1999 , 35, 1619-1628	5.2	13
60	Gel Beads Composed of Chitosan and Polyacids and Their Blood Compatibility. <i>Journal of Bioactive and Compatible Polymers</i> , 2005 , 20, 133-151	2	12
59	Electrospun materials from polylactide and Schiff base derivative of Jeffamine ED μ and 8-hydroxyquinoline-2-carboxaldehyde and its complex with Cu: Preparation, antioxidant and antitumor activities. <i>Materials Science and Engineering C</i> , 2020 , 116, 111185	8.3	11

58	Polyelectrolyte complex nanoparticles from N-carboxyethylchitosan and polycationic double hydrophilic diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 2105-2117	2.5	11
57	Natural polyampholyte-based core-shell nanoparticles with N-carboxyethylchitosan-containing core and poly(ethylene oxide) shell. <i>Biomacromolecules</i> , 2009 , 10, 838-44	6.9	11
56	Chitosan gel beads as drug carriers 2. Release of 8-hydroxy-7-iodoquinoline-5-sulfonic acid and 2,5-dihydroxybenzenesulfonic acid. <i>Polymer Bulletin</i> , 1999 , 43, 101-107	2.4	11
55	Novel antibacterial electrospun materials based on polyelectrolyte complexes of a quaternized chitosan derivative. <i>RSC Advances</i> , 2015 , 5, 54517-54526	3.7	10
54	Hydrolysis of Chitosan, Chitosan-Polyoxyethylene and Chitosan-Poly(2-acryloylamido-2-methylpropanesulfonic acid) by a Crude Enzyme Complex from <i>Trichoderma viride</i> . <i>Journal of Bioactive and Compatible Polymers</i> , 2001 , 16, 379-392	2	10
53	Electrospun non-woven mats from stereocomplex between high molar mass poly(L-lactide) and poly(D-lactide)-block-poly(butylene succinate) copoly(ester urethane)s. <i>European Polymer Journal</i> , 2012 , 48, 1965-1975	5.2	9
52	New polyelectrolyte complex of chitosan: Preparation, characterization, and application as a biocontrol agent carrier. <i>Journal of Bioactive and Compatible Polymers</i> , 2012 , 27, 148-160	2	9
51	Self-assembly of N-carboxyethylchitosan near the isoelectric point. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 6712-6721	2.5	9
50	Preparation, properties and complex formation ability of poly(ether-ester)s of poly(ethylene glycol)s and 2,6-pyridinedicarboxylic acid. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 2695-2708	2.6	9
49	Materials from Nanosized ZnO and Polyacrylonitrile: Properties Depending on the Design of Fibers (Electrospinning or Electrospinning/Electrospraying). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017 , 27, 912-922	3.2	8
48	Modulating the Mechanical Properties of Electrospun PHB/PCL Materials by Using Different Types of Collectors and Heat Sealing. <i>Polymers</i> , 2020 , 12,	4.5	8
47	Electrospun Cellulose acetate membranes decorated with curcumin-PVP particles: preparation, antibacterial and antitumor activities. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 29, 9	4.5	8
46	Electrospun 5-chloro-8-hydroxyquinoline-Loaded Cellulose Acetate/Polyethylene Glycol Antifungal Membranes Against <i>Esca</i> . <i>Polymers</i> , 2019 , 11,	4.5	8
45	Antioxidant and Antitumor Activities of Novel Quercetin-Loaded Electrospun Cellulose Acetate/Polyethylene Glycol Fibrous Materials. <i>Antioxidants</i> , 2020 , 9,	7.1	7
44	Curcumin-PVP Loaded Electrospun Membranes with Conferred Antibacterial and Antitumoral Activities. <i>Fibers and Polymers</i> , 2020 , 21, 55-65	2	7
43	N,N,N-trimethylchitosan iodide complexes with a weak or a strong polyacid and nanoparticles thereof. <i>Colloid and Polymer Science</i> , 2014 , 292, 2899-2912	2.4	7
42	Stable Aqueous Dispersion of PEGylated Nanoparticles by Polyelectrolyte Complex Formation. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 1361-1365	4.8	7
41	Chitosan Beads as Carriers of 8-Hydroxy-7-Iodoquinoline-5- Sulfonic Acid-Loading, Coating by Interpolymer Complex Formation and Drug Release. <i>Journal of Bioactive and Compatible Polymers</i> , 2001 , 16, 3-19	2	7

40	Quaternized chitosan-coated nanofibrous implants loaded with gossypol prepared by electrospinning and their efficacy against Graffi myeloid tumor. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014 , 25, 287-306	3.5	6
39	Copolymers of 2-acryloylamido-2-methylpropanesulfonic acid and acrylic acid with anticoagulant activity. <i>E-Polymers</i> , 2003 , 3,	2.7	6
38	Synthesis, characterisation and complex forming ability towards ferric ions of oligo(etheramide)s of Jeffamines ED \square and chelidamic acid. <i>European Polymer Journal</i> , 2002 , 38, 33-38	5.2	6
37	Partition of Poly(Oxyethylene)s with 5-Chloro-8-Quinolinoxyl End-Groups between 1-Octanol and Water. <i>Journal of Bioactive and Compatible Polymers</i> , 1996 , 11, 28-42	2	6
36	Water-soluble polymers bearing biologically active residues, 1. Synthesis and characterization of poly(ether-ester)s bearing hydroxyl side groups and their derivatization with 1-naphthylacetic acid. <i>Die Makromolekulare Chemie</i> , 1993 , 194, 1065-1078		6
35	High-molecular weight polyoxyethylene as an additive in ophthalmic solutions. <i>International Journal of Pharmaceutics</i> , 1993 , 93, 21-26	6.5	6
34	Polyethers with 8-Hydroxy-5-Quinolinyll Chelating End-Groups: Effect on Iron Nutrition of Plants and Antibacterial/Antimycotic Effects. <i>Journal of Bioactive and Compatible Polymers</i> , 2000 , 15, 321-333	2	6
33	Nanoparticles based on complex of berberine chloride and polymethacrylic or polyacrylic acid with antioxidant and in vitro antitumor activities. <i>International Journal of Pharmaceutics</i> , 2020 , 584, 119426	6.5	6
32	Electrospun Eco-Friendly Materials Based on Poly(3-hydroxybutyrate) (PHB) and TiO with Antifungal Activity Prospective for Esca Treatment. <i>Polymers</i> , 2020 , 12,	4.5	5
31	Preparation, characterisation and properties of poly(ether-amide)s bearing hydroxyl side groups and of their derivatives with the synthetic auxin 1-naphthylacetic acid. <i>Macromolecular Chemistry and Physics</i> , 1998 , 199, 87-96	2.6	5
30	Remedying the iron-deficient maize plants by new synthetic macromolecular chelating agents. <i>Plant and Soil</i> , 2000 , 227, 27-34	4.2	5
29	Polymerization of ethylene oxide by the activated monomer mechanism. <i>Polymer International</i> , 1995 , 36, 23-28	3.3	5
28	Water-soluble polymers bearing biologically active residues, 3. Hydrolysis of polyethers and poly(ether-ester)s bearing 1-naphthylacetyl groups. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 1663-1669	2.6	5
27	Preparation and properties of poly(ethylene glycol) esters of 1-naphthylacetic acid and 2,4-dichlorophenoxyacetic acid. <i>European Polymer Journal</i> , 1992 , 28, 1399-1404	5.2	5
26	Molecular-weight distribution in the activated-monomer polymerization of ethylene oxide. Mechanistic implications. <i>Die Makromolekulare Chemie</i> , 1993 , 194, 941-951		5
25	Separation and characterization of ϵ -caprolactone oligomers by gel permeation chromatography. <i>Polymer Bulletin</i> , 1985 , 13, 285	2.4	5
24	Hydride transfer to some initiators of cationic polymerization. <i>Polymer Bulletin</i> , 1981 , 4, 653	2.4	5
23	Electrospun fibers from polylactide-based stereocomplex: why?. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021 , 70, 270-286	3	5

22	Preparation, Characterization, and Biological Activity of Amides and Esters from 8-Hydroxyquinoline-2-Carboxylic Acid and Jeffamines ED ₁ Or Poly(Ethylene Glycol)S. <i>Journal of Bioactive and Compatible Polymers</i> , 2001 , 16, 259-276	2	4
21	Ultraviolet and ¹ H-NMR studies on the products of the chemical modification of Dichloropoly(oxyethylene) with potassium 5-nitro-8-quinolinolate. <i>European Polymer Journal</i> , 1993 , 29, 715-720	5.2	4
20	Preparation, properties and complexation ability of polyoxyethylene-bis-anaesthesine. <i>European Polymer Journal</i> , 1993 , 29, 721-726	5.2	4
19	Electrospun PLLA/PEG scaffolds. <i>Materials Today</i> , 2019 , 28, 114-115	21.8	3
18	Thermal imidization peculiarities of electrospun BPDA-PDA/ODA copolyamic acid nanofibers. <i>Macromolecular Research</i> , 2013 , 21, 419-426	1.9	3
17	Chitosan/Polyoxyethylene Diacid Films for Drug Release. <i>Journal of Bioactive and Compatible Polymers</i> , 1997 , 12, 221-230	2	3
16	Water-soluble polymers bearing biologically active residues, 2. Complexes of poly(ether-ester)s with polyacrylic and polymethacrylic acids. <i>Die Makromolekulare Chemie</i> , 1993 , 194, 3107-3122		3
15	Polymerization of ϵ -caprolactone initiated by stable salts. Initiation mechanism. <i>European Polymer Journal</i> , 1984 , 20, 463-465	5.2	3
14	One-Step Preparation of Electrospun Microfibrous Polystyrene Mats Having Surface Enriched in p-tert-Butylcalix[4]arene Fitted with Phosphinoyl Pendant Arms. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1871-1876	4.8	2
13	Remedying the iron-deficient maize plants grown at lower than the optimal temperature and irradiance by new synthetic macromolecular iron-chelating agents. <i>Journal of Plant Physiology</i> , 2000 , 157, 395-403	3.6	2
12	Electrospun 5-Chloro-7-iodo-8-hydroxyquinoline (Clioquinol)-Containing Poly(3-hydroxybutyrate)/Polyvinylpyrrolidone Antifungal Materials Prospective as Active Dressings against Esca.. <i>Polymers</i> , 2022 , 14,	4.5	2
11	Effect of coating on the mechanical properties of electrospun poly(3-hydroxybutyrate) materials with targeted fibers alignment. <i>Journal of Polymer Research</i> , 2021 , 28, 1	2.7	2
10	Composite multilayer thin films morphology and their interactions with proteins as a function of polyanion structure. <i>Macromolecular Research</i> , 2011 , 19, 1062-1070	1.9	1
9	New phytoactive polymers prepared by polycondensation. <i>Macromolecular Symposia</i> , 1997 , 122, 281-286.	6.8	1
8	Novel polyelectrolyte complex between chitosan and poly(2-acryloylamido-2-methylpropanesulfonic acid-coacrylic acid). <i>E-Polymers</i> , 2003 , 3,	2.7	1
7	Hydride transfer to stable carbenium salts. <i>Polymer Bulletin</i> , 1983 , 10, 411-413	2.4	1
6	Electrospun Polymer-Fungicide Nanocomposites for Grapevine Protection. <i>Polymers</i> , 2021 , 13,	4.5	1
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