

# Won Ho Park

## List of Publications by Year in descending order

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229  
papers

15,932  
citations

19608

61  
h-index

18606

119  
g-index

231  
all docs

231  
docs citations

231  
times ranked

16300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional and thermoresponsive methylcellulose composite hydrogels with photothermal effect. <i>Carbohydrate Polymers</i> , 2022, 277, 118834.	5.1	17
2	ZnO nanoparticle-embedded modified silk fibroin-tannin multifunctional hydrogel. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 1-10.	3.6	14
3	Facile preparation of tannin-coated waste silk fabric as an effective heavy metal adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108233.	3.3	6
4	Poly(vinyl alcohol) nanofibrous membranes via green electrospinning and tannin coating for selective removal of Pb(II) ion. <i>Chemosphere</i> , 2022, 307, 135719.	4.2	13
5	Carbon fiber coating with MWCNT in the presence of polyethyleneimine of different molecular weights and the effect on the interfacial shear strength of thermoplastic and thermosetting carbon fiber composites. <i>Carbon Letters</i> , 2021, 31, 407-417.	3.3	17
6	Mussel-inspired poly( $\beta$ -glutamic acid)/nanosilicate composite hydrogels with enhanced mechanical properties, tissue adhesive properties, and skin tissue regeneration. <i>Acta Biomaterialia</i> , 2021, 123, 254-262.	4.1	41
7	Photocrosslinked poly( $\beta$ -glutamic acid) hydrogel for 3D bioprinting. <i>Reactive and Functional Polymers</i> , 2021, 161, 104864.	2.0	10
8	Dual-crosslinked, self-healing and thermo-responsive methylcellulose/chitosan oligomer copolymer hydrogels. <i>Carbohydrate Polymers</i> , 2021, 258, 117705.	5.1	44
9	Silk Fibroin Enhances Cytocompatibility and Dimensional Stability of Alginate Hydrogels for Light-Based Three-Dimensional Bioprinting. <i>Biomacromolecules</i> , 2021, 22, 1921-1931.	2.6	43
10	Extended Distal Chevron Osteotomy and Akin Osteotomy Using Bioabsorbable Materials for Treatment of Moderate to Severe Hallux Valgus. <i>Journal of Foot and Ankle Surgery</i> , 2021, 60, 1110-1116.	0.5	1
11	Bioinspired Self-Healable Polyallylamine-Based Hydrogels for Wet Adhesion: Synergistic Contributions of Catechol-Amino Functionalities and Nanosilicate. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 18324-18337.	4.0	50
12	Dual-crosslinked silk fibroin hydrogels with elasticity and cytocompatibility for the regeneration of articular cartilage. <i>Polymer</i> , 2021, 224, 123739.	1.8	8
13	Self-healable poly( $\beta$ -glutamic acid)/chitoooligosaccharide hydrogels via ionic and $\pi$ - $\pi$ interactions. <i>Materials Letters</i> , 2021, 297, 129987.	1.3	5
14	Self-crosslinkable hyaluronate-based hydrogels as a soft tissue filler. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 98-110.	3.6	15
15	Tunicate-inspired polyallylamine-based hydrogels for wet adhesion: A comparative study of catechol- and gallol-functionalities. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 143-155.	5.0	27
16	Effect of tannic acid on the mechanical and adhesive properties of catechol-modified hyaluronic acid hydrogels. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 699-705.	3.6	25
17	Hyaluronic acid/tannic acid hydrogel sunscreen with excellent anti-UV, antioxidant, and cooling effects. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 918-924.	3.6	33
18	Stretchable and Self-Healable Poly(styrene-co-acrylonitrile) Elastomer with Metal-Ligand Coordination Complexes. <i>Langmuir</i> , 2021, 37, 13998-14005.	1.6	9

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19	Coaxially fabricated polylactic acid electrospun nanofibrous scaffold for sequential release of tauroursodeoxycholic acid and bone morphogenic protein2 to stimulate angiogenesis and bone regeneration. <i>Chemical Engineering Journal</i> , 2020, 389, 123470.	6.6	46
20	Eco-friendly poly(lactic acid) microbeads for cosmetics via melt electrospaying. <i>International Journal of Biological Macromolecules</i> , 2020, 157, 734-742.	3.6	14
21	Electrospinning and dual crosslinking of water-soluble silk fibroin modified with glycidyl methacrylate. <i>Polymer Degradation and Stability</i> , 2020, 179, 109304.	2.7	26
22	3D Printing of Bone-Mimetic Scaffold Composed of Gelatin/Calcium Phosphate for Bone Tissue Engineering. <i>Macromolecular Bioscience</i> , 2020, 20, e2000256.	2.1	21
23	Visible-light-induced hyaluronate hydrogel for soft tissue fillers. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2834-2844.	3.6	14
24	The effects of chitin/chitosan nanowhiskers on the thermal, mechanical and dye adsorption properties of electrospun PVA nanofibrous membranes. <i>Cellulose</i> , 2020, 27, 5771-5783.	2.4	22
25	Polydopamine- and polyDOPA-coated electrospun poly(vinyl alcohol) nanofibrous membranes for cationic dye removal. <i>Polymer Testing</i> , 2020, 89, 106627.	2.3	9
26	Aliphatic Polyester-Based Biodegradable Microbeads for Sustainable Cosmetics. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2440-2449.	2.6	15
27	Dual crosslinked alginate hydrogels by riboflavin as photoinitiator. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 989-998.	3.6	57
28	Dual-crosslinked methylcellulose hydrogels for 3D bioprinting applications. <i>Carbohydrate Polymers</i> , 2020, 238, 116192.	5.1	66
29	Enzymatically Cross-Linked Poly(L-glutamic acid) Hydrogel with Enhanced Tissue Adhesive Property. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3103-3113.	2.6	34
30	Formation of human hair-Ag nanoparticle composites via thermal and photo-reduction: A comparison study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 600, 124995.	2.3	4
31	Photo-crosslinkable elastomeric protein-derived supramolecular peptide hydrogel with controlled therapeutic CO <sub>2</sub> -release. <i>Nanoscale</i> , 2019, 11, 17327-17333.	2.8	11
32	Fluorescent property of glycol chitosan-fluorescein isothiocyanate conjugate for bio-imaging material. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 1217-1221.	3.6	22
33	Facile Interpretation of Catalytic Reaction between Organic Dye Pollutants and Silver Nanoparticles with Different Shapes. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-8.	1.5	14
34	Shape-dependent antimicrobial activities of silver nanoparticles. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2773-2780.	3.3	159
35	Electrospaying of environmentally sustainable alginate microbeads for cosmetic additives. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 278-283.	3.6	40
36	Robust methylcellulose hydrogels reinforced with chitin nanocrystals. <i>Carbohydrate Polymers</i> , 2019, 213, 311-319.	5.1	30

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37	Preparation and Structural Investigation of Novel $\beta$ -Chitin Nanocrystals from Cuttlefish Bone. ACS Biomaterials Science and Engineering, 2019, 5, 1744-1752.	2.6	30
38	Effect of photoinitiator on chain degradation of hyaluronic acid. Biomaterials Research, 2019, 23, 21.	3.2	26
39	Electron beam irradiation effect on the mechanical and thermal properties of 2-D silk fibroin fabric/poly(lactic acid) biocomposites. Journal of Industrial and Engineering Chemistry, 2019, 71, 150-159.	2.9	8
40	A crosslinked nonwoven separator based on an organosoluble polyimide for high-performance lithium-ion batteries. Journal of Industrial and Engineering Chemistry, 2019, 72, 390-399.	2.9	36
41	Electrospinning and wound healing activity of $\beta$ -chitin extracted from cuttlefish bone. Carbohydrate Polymers, 2018, 193, 205-211.	5.1	81
42	Effect of location and ionic interaction on photocatalytic activity of silver nanoparticles stabilized with polyDOPA. Applied Surface Science, 2018, 441, 546-553.	3.1	2
43	Thermal fabrication and characterization of Ag nanoparticle-activated carbon composites for functional wound-dressing additives. Journal of Alloys and Compounds, 2018, 735, 2670-2674.	2.8	11
44	Formation and Characterization of Hollow Microtubes by Thermal Treatment of Human Hair. ACS Sustainable Chemistry and Engineering, 2018, 6, 6350-6357.	3.2	1
45	Effect of pH and precursor salts on in situ formation of calcium phosphate nanoparticles in methylcellulose hydrogel. Carbohydrate Polymers, 2018, 191, 176-182.	5.1	21
46	Injectable methylcellulose hydrogel containing silver oxide nanoparticles for burn wound healing. Carbohydrate Polymers, 2018, 181, 579-586.	5.1	101
47	Injectable methylcellulose hydrogel containing calcium phosphate nanoparticles for bone regeneration. International Journal of Biological Macromolecules, 2018, 109, 57-64.	3.6	76
48	Surface modification of PHBV nanofiber mats for rapid cell cultivation and harvesting. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1026-1041.	1.9	4
49	Small diameter vascular graft with fibroblast cells and electrospun poly (L-lactide-co- $\epsilon$ - $\mu$ -caprolactone) scaffolds: Cell Matrix Engineering. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 942-959.	1.9	18
50	Gas-Therapeutic Hydrogels: Supramolecular Carbon Monoxide-Releasing Peptide Hydrogel Patch (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 T	7.8	0
51	Thermal Analysis on the Stabilization Behavior of Ternary Copolymers Based on Acrylonitrile, Methyl Acrylate and Itaconic Acid. Fibers and Polymers, 2018, 19, 2439-2448.	1.1	14
52	Supramolecular Carbon Monoxide-Releasing Peptide Hydrogel Patch. Advanced Functional Materials, 2018, 28, 1803051.	7.8	23
53	Spectroscopic Analyses on Chain Structure and Thermal Stabilization Behavior of Acrylonitrile/Methyl Acrylate/Itaconic Acid-based Copolymers Synthesized by Aqueous Suspension Polymerization. Fibers and Polymers, 2018, 19, 2007-2015.	1.1	12
54	Effect of vitamin derivatives on gelation rate and gel strength of methylcellulose. Carbohydrate Polymers, 2018, 196, 414-421.	5.1	14

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55	Polyelectrolyte complex nanofibers from poly( $\beta$ -glutamic acid) and fluorescent chitosan oligomer. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 238-243.	3.6	13
56	Formation of Silver Nanoparticles Using Fluorescence Properties of Chitosan Oligomers. <i>Marine Drugs</i> , 2018, 16, 11.	2.2	7
57	Preparation and characterization of acrylic pressure-sensitive adhesives based on UV and heat curing systems. <i>International Journal of Adhesion and Adhesives</i> , 2017, 75, 190-195.	1.4	30
58	Effect of alkaline hydrolysis on cyclization reaction of PAN nanofibers. <i>Materials and Design</i> , 2017, 124, 69-77.	3.3	98
59	Hydrolysis of oxidized polyacrylonitrile nanofibrous webs and selective adsorption of harmful heavy metal ions. <i>Polymer Degradation and Stability</i> , 2017, 143, 207-213.	2.7	34
60	Preventing postoperative tissue adhesion using injectable carboxymethyl cellulose-pullulan hydrogels. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 886-893.	3.6	50
61	Enhanced thermal stabilization of polymer nanofibrous web using self-polymerized 3,4-dihydroxy-L-phenylalanine. <i>Polymer</i> , 2017, 125, 126-133.	1.8	14
62	Silk fibroin/hydroxyapatite composite hydrogel induced by gamma-ray irradiation for bone tissue engineering. <i>Biomaterials Research</i> , 2017, 21, 12.	3.2	52
63	One-pot synthesis of injectable methylcellulose hydrogel containing calcium phosphate nanoparticles. <i>Carbohydrate Polymers</i> , 2017, 157, 775-783.	5.1	45
64	Surface-modified polyethylene separator via oxygen plasma treatment for lithium ion battery. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 15-21.	2.9	84
65	Fluorescent Property of Chitosan Oligomer and Its Application as a Metal Ion Sensor. <i>Marine Drugs</i> , 2017, 15, 105.	2.2	38
66	Modification and optimization of electrospun gelatin sheets by electron beam irradiation for soft tissue engineering. <i>Biomaterials Research</i> , 2017, 21, 14.	3.2	22
67	Antimicrobial Silver Chloride Nanoparticles Stabilized with Chitosan Oligomer for the Healing of Burns. <i>Materials</i> , 2016, 9, 215.	1.3	46
68	Gelation Behaviors and Mechanism of Silk Fibroin According to the Addition of Nitrate Salts. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1697.	1.8	20
69	Green Synthesis of Silver Nanoparticles Stabilized with Mussel-Inspired Protein and Colorimetric Sensing of Lead(II) and Copper(II) Ions. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2006.	1.8	64
70	Chemically cross-linked silk fibroin hydrogel with enhanced elastic properties, biodegradability, and biocompatibility. <i>International Journal of Nanomedicine</i> , 2016, 11, 2967.	3.3	55
71	Plasma-assisted water-based Al <sub>2</sub> O <sub>3</sub> ceramic coating for polyethylene-based microporous separators for lithium metal secondary batteries. <i>Electrochimica Acta</i> , 2016, 212, 649-656.	2.6	76
72	Thermal, mechanical, impact, and water absorption properties of novel silk fibroin fiber reinforced poly(butylene succinate) biocomposites. <i>Macromolecular Research</i> , 2016, 24, 734-740.	1.0	19

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73	Growth behavior of endothelial cells according to electrospun poly(D,L-lactic-co-glycolic acid) fiber diameter as a tissue engineering scaffold. <i>Tissue Engineering and Regenerative Medicine</i> , 2016, 13, 343-351.	1.6	26
74	Guiding bone regeneration using hydrophobized silk fibroin nanofiber membranes. <i>Macromolecular Research</i> , 2016, 24, 824-828.	1.0	9
75	Effect of solution pH on the self-polymerization behavior of 3,4-Dihydroxyphenylalanine. <i>Macromolecular Research</i> , 2016, 24, 940-942.	1.0	2
76	Effect of nanofiber content on bone regeneration of silk fibroin/poly( $\epsilon$ -caprolactone) nano/microfibrous composite scaffolds. <i>International Journal of Nanomedicine</i> , 2015, 10, 485.	3.3	56
77	Fabrication and Characterization of Cellulose Acetate/Montmorillonite Composite Nanofibers by Electrospinning. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	1.5	17
78	Modification of PLGA Nanofibrous Mats by Electron Beam Irradiation for Soft Tissue Regeneration. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	1.5	10
79	Partially oxidized polyacrylonitrile nanofibrous membrane as a thermally stable separator for lithium ion batteries. <i>Polymer</i> , 2015, 68, 335-343.	1.8	53
80	Morphological and permeable properties of antibacterial double-layered composite nonwovens consisting of microfibers and nanofibers. <i>Composites Part B: Engineering</i> , 2015, 75, 256-263.	5.9	24
81	Formation of Ag nanoparticles in PVA solution and catalytic activity of their electrospun PVA nanofibers. <i>Fibers and Polymers</i> , 2015, 16, 840-849.	1.1	18
82	Basic fibroblast growth factor-encapsulated PCL nano/microfibrous composite scaffolds for bone regeneration. <i>Polymer</i> , 2015, 76, 8-16.	1.8	31
83	Effects of electron beam irradiation on the gel fraction, thermal and mechanical properties of poly(butylene succinate) crosslinked by multi-functional monomer. <i>Materials and Design</i> , 2015, 87, 428-435.	3.3	15
84	Breathable properties of $\epsilon$ -Caprolactone nanofibrous membrane with high thermal resistance. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	20
85	Residual charge and filtration efficiency of polycarbonate fibrous membranes prepared by electrospinning. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	37
86	Preparation and Characterization of Gelatin Nanofibers Containing Silver Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6857-6879.	1.8	74
87	Fabrication and Characterization of Thermoresponsive Polystyrene Nanofibrous Mats for Cultured Cell Recovery. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	8
88	Effect of silk fibroin nanofibers containing silver sulfadiazine on wound healing. <i>International Journal of Nanomedicine</i> , 2014, 9, 5277.	3.3	39
89	Photocatalytic activities of cellulose-based nanofibers with different silver phases: Silver ions and nanoparticles. <i>Carbohydrate Polymers</i> , 2014, 102, 956-961.	5.1	13
90	Green synthesis and antimicrobial activity of silver chloride nanoparticles stabilized with chitosan oligomer. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2629-2638.	1.7	20

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91	Hydrophobization of silk fibroin nanofibrous membranes by fluorocarbon plasma treatment to modulate cell adhesion and proliferation behavior. <i>Macromolecular Research</i> , 2014, 22, 746-752.	1.0	19
92	Cellular response of silk fibroin nanofibers containing silver nanoparticles In vitro. <i>Macromolecular Research</i> , 2014, 22, 796-803.	1.0	8
93	Effect of surfactants on sol-gel transition of silk fibroin. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 71, 364-371.	1.1	30
94	Antimicrobial activity of cellulose-based nanofibers with different Ag phases. <i>Materials Letters</i> , 2014, 116, 146-149.	1.3	21
95	Functional cellulose-based nanofibers with catalytic activity: Effect of Ag content and Ag phase. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 394-400.	3.6	10
96	Novel Silk Fibroin Fiber-Reinforced Poly(butylene succinate) Biocomposites: Electron Beam Treatment Effect of Silk on the Interfacial, Thermal, Mechanical and Impact Properties. <i>Journal of Biobased Materials and Bioenergy</i> , 2014, 8, 261-272.	0.1	1
97	Effect of methylcellulose on the formation and drug release behavior of silk fibroin hydrogel. <i>Carbohydrate Polymers</i> , 2013, 98, 1179-1185.	5.1	38
98	Fabrication of nanofibrous scaffold using a PLA and hagfish thread keratin composite; its effect on cell adherence, growth, and osteoblast differentiation. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 045006.	1.7	18
99	Colorimetric detection of transition metal ions with azopyridine-based probing molecule in aqueous solution and in PMMA film. <i>Fibers and Polymers</i> , 2013, 14, 1993-1998.	1.1	8
100	Simple Technique for Spatially Separated Nanofibers/Nanobeads by Multinozzle Electrospinning toward White-Light Emission. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 6038-6044.	4.0	31
101	Highly hydrophobic nanofibrous surfaces generated by poly(vinylidene fluoride). <i>Fibers and Polymers</i> , 2013, 14, 1271-1275.	1.1	15
102	Fabrication and surface modification of melt-electrospun poly(D,L-lactic-co-glycolic acid) microfibers. <i>Fibers and Polymers</i> , 2013, 14, 1491-1496.	1.1	11
103	Thermomechanical and flexural properties of chopped silk fiber-reinforced poly(butylene succinate) green composites: effect of electron beam treatment of worm silk. <i>Advanced Composite Materials</i> , 2013, 22, 437-449.	1.0	19
104	Fabrication of Microfibrous and Nano-/Microfibrous Scaffolds: Melt and Hybrid Electrospinning and Surface Modification of Poly(L-lactic acid) with Plasticizer. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	39
105	Study on Synthesis of PVA Stabilized Silver Nanoparticles using Green Synthesis and Their Application for Catalysis. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1453, 36.	0.1	0
106	Cellular response to poly(vinyl alcohol) nanofibers coated with biocompatible proteins and polysaccharides. <i>Applied Surface Science</i> , 2012, 258, 6914-6922.	3.1	14
107	Fabrication of Nanopatterned Surfaces for Tissue Engineering. , 2012, , .		2
108	Study on Synthesis Chitosan Oligomer Stabilized Silver Nanoparticles Using Green Chemistry and Their Burn Wound Healing Effects. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1453, 27.	0.1	2

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109	Cobalt Ion-Mediated Cysteine Detection With a Hyperbranched Conjugated Polyelectrolyte as a New Sensing Platform. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1510-1516.	2.0	22
110	Macromol. Rapid Commun. 18/2012. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1592-1592.	2.0	1
111	Composite Nonwoven of Meltblown/Electrospun Polyurethane. <i>Textile Science and Engineering</i> , 2012, 49, 370-376.	0.4	1
112	FTIR studies on the curing behavior of polycardanol from naturally renewable resources. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2774-2778.	1.3	7
113	Chitosan-coated poly(vinyl alcohol) nanofibers for wound dressings. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 92B, 568-576.	1.6	73
114	Synthesis and Electrostatic Nano-Assembly of Water-Soluble Polybenzothiadiazole Derivatives with Long-Wavelength Emission in the Solid States. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6977-6980.	0.9	2
115	Stress response of fibroblasts adherent to the surface of plasma-treated poly(lactic-co-glycolic acid) nanofiber matrices. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 77, 90-95.	2.5	31
116	Epidermal cellular response to poly(vinyl alcohol) nanofibers containing silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 78, 334-342.	2.5	59
117	Electron beam effect on the tensile properties and topology of jute fibers and the interfacial strength of jute-PLA green composites. <i>Macromolecular Research</i> , 2010, 18, 919-922.	1.0	30
118	Enhancement of mechanical properties of TiO <sub>2</sub> nanofibers by reinforcement with polysulfone fibers. <i>Materials Letters</i> , 2010, 64, 189-191.	1.3	12
119	Novel three-dimensional scaffolds of poly(L-lactic acid) microfibers using electrospinning and mechanical expansion: Fabrication and bone regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 95B, 150-160.	1.6	78
120	Fabrication and characterization of TiO <sub>2</sub> /poly(dimethyl siloxane) composite fibers with thermal and mechanical stability. <i>Journal of Applied Polymer Science</i> , 2010, 116, 449-454.	1.3	58
121	Fabrication and characterization of 3-dimensional PLGA nanofiber/microfiber composite scaffolds. <i>Polymer</i> , 2010, 51, 1320-1327.	1.8	161
122	The effect of a laminin-5-derived peptide coated onto chitin microfibers on re-epithelialization in early-stage wound healing. <i>Biomaterials</i> , 2010, 31, 4725-4730.	5.7	43
123	Effect of the degree of deacetylation on the thermal decomposition of chitin and chitosan nanofibers. <i>Carbohydrate Polymers</i> , 2010, 80, 291-295.	5.1	124
124	$\beta$ 1 integrin promotes cell survival via multiple interactions between 14-3-3 isoforms and proapoptotic proteins. <i>Experimental Cell Research</i> , 2009, 315, 3187-3200.	1.2	29
125	Electrospinning of poly(dimethyl siloxane) by sol-gel method. <i>Journal of Applied Polymer Science</i> , 2009, 114, 3870-3874.	1.3	20
126	Fabrication and characterization of zirconium carbide (ZrC) nanofibers with thermal storage property. <i>Thin Solid Films</i> , 2009, 517, 6531-6538.	0.8	39



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127	Superhydrophobicity of cellulose triacetate fibrous mats produced by electrospinning and plasma treatment. <i>Carbohydrate Polymers</i> , 2009, 75, 246-250.	5.1	92
128	Electrospinning of polysaccharides for regenerative medicine. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 1020-1032.	6.6	486
129	Biomedical Polymer Nanofibers for Emerging Technology. , 2009, , 21-42.		3
130	Plasma-treated silk fibroin nanofibers for skin regeneration. <i>International Journal of Biological Macromolecules</i> , 2009, 44, 222-228.	3.6	94
131	Nanoscale Silver-Based Al-Doped ZnO Multilayer Transparent-Conductive Oxide Films. <i>Journal of the Electrochemical Society</i> , 2009, 156, J215.	1.3	38
132	Controlling size and distribution of silver nanoparticles generated in inorganic silica nanofibers using poly(vinyl pyrrolidone). <i>Macromolecular Research</i> , 2008, 16, 626-630.	1.0	13
133	Electrospinning of ultrafine cellulose fibers and fabrication of poly(butylene succinate) biocomposites reinforced by them. <i>Journal of Applied Polymer Science</i> , 2008, 107, 1954-1959.	1.3	59
134	Effect of tying conditions on the knot security of suture materials. <i>Journal of Applied Polymer Science</i> , 2008, 109, 918-922.	1.3	5
135	Superhydrophobicity of PHBV fibrous surface with bead-on-string structure. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 91-95.	5.0	105
136	Electrospinning of cellulose acetate nanofibers using a mixed solvent of acetic acid/water: Effects of solvent composition on the fiber diameter. <i>Materials Letters</i> , 2008, 62, 759-762.	1.3	175
137	Fabrication of zirconium carbide (ZrC) ultra-thin fibers by electrospinning. <i>Materials Letters</i> , 2008, 62, 1961-1964.	1.3	51
138	Effect of chitin/silk fibroin nanofibrous bicomponent structures on interaction with human epidermal keratinocytes. <i>International Journal of Biological Macromolecules</i> , 2008, 42, 324-334.	3.6	77
139	Collagen-Based Biomimetic Nanofibrous Scaffolds: Preparation and Characterization of Collagen/Silk Fibroin Bicomponent Nanofibrous Structures. <i>Biomacromolecules</i> , 2008, 9, 1106-1116.	2.6	147
140	Surface Characteristics of Plasma-Treated PLGA Nanofibers. <i>Macromolecular Symposia</i> , 2007, 249-250, 103-108.	0.4	20
141	Property improvement of natural fiber-reinforced green composites by water treatment. <i>Advanced Composite Materials</i> , 2007, 16, 299-314.	1.0	57
142	Bis(2-hydroxyphenyl)-1,3,4-oxadiazole Derivative for Anion Sensing and Fluorescent Patterning. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 463, 255/[537]-261/[543].	0.4	8
143	Effects of the tacticities of poly(vinyl alcohol) on the structure and morphology of poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 3282-3289.	1.3	4
144	Preparation of atactic poly(vinyl alcohol)/sodium alginate blend nanowebs by electrospinning. <i>Journal of Applied Polymer Science</i> , 2007, 106, 1337-1342.	1.3	70

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145	Characteristics of novel monofilament sutures prepared by conjugate spinning. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 83B, 499-504.	1.6	8
146	Preparation and characterization of antimicrobial polycarbonate nanofibrous membrane. <i>European Polymer Journal</i> , 2007, 43, 3146-3152.	2.6	80
147	In vitro and in vivo degradation behaviors of synthetic absorbable bicomponent monofilament suture prepared with poly(p-dioxanone) and its copolymer. <i>Polymer Degradation and Stability</i> , 2007, 92, 667-674.	2.7	49
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