

# Narendra Reddy

## 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.

171  
papers

6,116  
citations

41  
h-index

74  
g-index

176  
ext. papers

6,978  
ext. citations

5.3  
avg, IF

6.39  
L-index

#	Paper	IF	Citations
171	Green synthesis of copper nanoparticles using aqueous extracts from Hyptis suaveolens (L.). <i>Materials Chemistry and Physics</i> , <b>2022</b> , 280, 125795	4.4	2
170	EXTRACTION AND CHARACTERIZATION OF NANOCELLULOSE FROM PONGAMIA PINNATA OIL MEAL. <i>Cellulose Chemistry and Technology</i> , <b>2022</b> , 56, 29-37	1.9	0
169	Under-utilized germinated horse gram (Macrotyloma uniflorum) protein [Extraction, process optimization, characterization and its use in cookies fortification. <i>LWT - Food Science and Technology</i> , <b>2022</b> , 160, 113276	5.4	0
168	Integrated Photo-Plasmonic coupling of bioinspired Sharp-Edged silver Nano-particles with Nano-films in extended cavity functional interface for Cellphone-aided femtomolar sensing. <i>Materials Letters</i> , <b>2022</b> , 316, 132025	3.3	4
167	Superior Technique for the Production of Agarose Dressing Containing Sericin and Its Wound Healing Property. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
166	Superior cycle stability performance of a symmetric coin cell fabricated using KOH activated bio-char derived from agricultural waste [Cajanus cajan stems. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 106525	6.8	1
165	Alkali Treated 3D Chitosan Scaffolds with Enhanced Strength and Stability. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 3302-3310	4.5	0
164	Pupae and Its Applications <b>2021</b> , 157-193		
163	Properties and Applications of Nanoparticles from Plant Proteins. <i>Materials</i> , <b>2021</b> , 14,	3.5	6
162	Effect of platelet-poor plasma additive on the formation of biocompatible calcium phosphates. <i>Materials Today Communications</i> , <b>2021</b> , 27, 102224	2.5	3
161	Extraction and Characterization of Proteins from Castor Oil Meal for Medical Applications. <i>Polymer Science - Series A</i> , <b>2021</b> , 63, 400-411	1.2	0
160	Epoxide Cross-Linked and Lysine-Blocked Zein Ultrafine Fibrous Scaffolds with Prominent Wet Stability and Cytocompatibility. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 3855-3866	4.3	
159	Litter to Leaf: The Unexplored Potential of Silk Byproducts. <i>Trends in Biotechnology</i> , <b>2021</b> , 39, 706-718	15.1	3
158	Antimicrobial Natural Cellulose Fibers from Hyptis suaveolens for Potential Biomedical and Textiles Applications. <i>Journal of Natural Fibers</i> , <b>2021</b> , 18, 867-876	1.8	6
157	Wool and coir fiber reinforced gypsum ceiling tiles with enhanced stability and acoustic and thermal resistance. <i>Journal of Building Engineering</i> , <b>2021</b> , 41, 102433	5.2	10
156	A review on the synthesis and properties of hydroxyapatite for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2021</b> , 1-33	3.5	6
155	Development, characterization and evaluation of the biocompatibility of catechol crosslinked horsegram protein films. <i>European Polymer Journal</i> , <b>2020</b> , 134, 109800	5.2	4

154	Extraction and characterisation of natural cellulose fibers from <i>Kigelia africana</i> . <i>Carbohydrate Polymers</i> , <b>2020</b> , 236, 115996	10.3	30
153	Sources and classification of silk <b>2020</b> , 1-12		
152	Structure and properties of silk fibers <b>2020</b> , 13-47		
151	Effect of pH on the physicochemical properties of starch films. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 48563	2.9	10
150	Crosslinking electrospun poly (vinyl) alcohol fibers with citric acid to impart aqueous stability for medical applications. <i>European Polymer Journal</i> , <b>2020</b> , 124, 109484	5.2	31
149	Three-dimensional rope-like and cloud-like nanofibrous scaffolds facilitating in-depth cell infiltration developed using a highly conductive electrospinning system. <i>Nanoscale</i> , <b>2020</b> , 12, 16690-16696	7.7	3
148	Properties of chitin and chitosan extracted from silkworm pupae and egg shells. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 161, 1296-1304	7.9	23
147	Characterization of crosslinked <i>Macrotyloma uniflorum</i> (Horsegram) protein films for packaging and medical applications. <i>Polymer Testing</i> , <b>2020</b> , 91, 106794	4.5	3
146	Groundnut shell / rice husk agro-waste reinforced polypropylene hybrid biocomposites. <i>Journal of Building Engineering</i> , <b>2020</b> , 27, 100991	5.2	27
145	Dehulled coffee husk-based biocomposites for green building materials. <i>Journal of Thermoplastic Composite Materials</i> , <b>2019</b> , 089270571987630	1.9	7
144	Valorization of sugarcane bagasse by developing completely biodegradable composites for industrial applications. <i>Industrial Crops and Products</i> , <b>2019</b> , 131, 25-31	5.9	44
143	Biofibers and biocomposites from sabai grass: A unique renewable resource. <i>Carbohydrate Polymers</i> , <b>2019</b> , 218, 243-249	10.3	19
142	Sustained Local Delivery of Diclofenac from Three-Dimensional Ultrafine Fibrous Protein Scaffolds with Ultrahigh Drug Loading Capacity. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	2
141	Engineering Sustainable Waste Wool Biocomposites with High Flame Resistance and Noise Insulation for Green Building and Automotive Applications. <i>Journal of Natural Fibers</i> , <b>2019</b> , 1-11	1.8	8
140	Influence of Alkali Treatment on the Physicochemical and Mechanical Properties of Starch Chitosan Films. <i>Starch/Staerke</i> , <b>2019</b> , 71, 1800084	2.3	5
139	A sustainable low temperature yarn reinforcing process to reduce water and energy consumptions and pollution in the textile industry. <i>Journal of Cleaner Production</i> , <b>2019</b> , 210, 646-652	10.3	11
138	<i>Curcuma longa</i> L. plant residue as a source for natural cellulose fibers with antimicrobial activity. <i>Industrial Crops and Products</i> , <b>2018</b> , 112, 556-560	5.9	41
137	Acetylation of Castor Meal and Castor Proteins for Thermoplastic Applications. <i>Journal of Polymers and the Environment</i> , <b>2018</b> , 26, 1371-1377	4.5	6

136	Tensile and Flexural Properties of Polypropylene Composites Reinforced with Raw Bagasse. <i>Sugar Tech</i> , <b>2018</b> , 20, 454-463	1.9	12
135	A study on the potential of using plant proteins as electrolytes in a biochemical cell. <i>Environmental Progress and Sustainable Energy</i> , <b>2018</b> , 37, 961-967	2.5	1
134	Biomimetic approaches for tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2018</b> , 29, 1667-1685	3.5	14
133	Properties and applications of citric acid crosslinked banana fibre-wheat gluten films. <i>Industrial Crops and Products</i> , <b>2018</b> , 124, 265-272	5.9	36
132	Hybrid biocomposites. <i>Polymer Composites</i> , <b>2018</b> , 39, E30-E54	3	21
131	Bioproducts from wheat gluten with high strength and aqueous stability using cashew nut shell liquid as plasticizer. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46719	2.9	2
130	Oxygen enriched network-type carbon spheres for multipurpose water purification applications. <i>Environmental Technology and Innovation</i> , <b>2018</b> , 12, 160-171	7	9
129	A review on dielectric properties of biofiber-based composites. <i>Advanced Composites and Hybrid Materials</i> , <b>2018</b> , 1, 635-648	8.7	5
128	Crosslinked chitosan films with controllable properties for commercial applications. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 120, 1256-1264	7.9	63
127	A review of fibrous reinforcements of concrete. <i>Journal of Reinforced Plastics and Composites</i> , <b>2017</b> , 36, 519-552	2.9	20
126	Ricinus communis plant residues as a source for natural cellulose fibers potentially exploitable in polymer composites. <i>Industrial Crops and Products</i> , <b>2017</b> , 100, 126-131	5.9	32
125	Water Hyacinth: A Unique Source for Sustainable Materials and Products. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 4478-4490	8.3	46
124	Enzyme-modified casein fibers and their potential application in drug delivery. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 900-906	2	5
123	Completely biodegradable banana fiber-wheat gluten composites for dielectric applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 12383-12390	2.1	25
122	Highly porous carbon from a natural cellulose fiber as high efficiency sorbent for lead in waste water. <i>Bioresource Technology</i> , <b>2017</b> , 245, 296-299	11	21
121	Composites Reinforced with Hollow Natural Organic Fibrous Structures <b>2017</b> , 29-58		
120	KOH activated carbon derived from biomass-banana fibers as an efficient negative electrode in high performance asymmetric supercapacitor. <i>Journal of Energy Chemistry</i> , <b>2017</b> , 26, 56-62	12	44
119	SOCIETY FOR ENDOCRINOLOGY ENDOCRINE EMERGENCY GUIDANCE: Emergency management of pituitary apoplexy in adult patients. <i>Endocrine Connections</i> , <b>2016</b> , 5, G12-G15	3.5	24

118	Plant-Based Completely Biodegradable Printed Circuit Boards. <i>IEEE Transactions on Electron Devices</i> , <b>2016</b> , 63, 4893-4898	2.9	32
117	Non-food industrial applications of poultry feathers. <i>Waste Management</i> , <b>2015</b> , 45, 91-107	8.6	47
116	Crosslinking biopolymers for biomedical applications. <i>Trends in Biotechnology</i> , <b>2015</b> , 33, 362-9	15.1	337
115	Development of wheat glutenin nanoparticles and their biodistribution in mice. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2015</b> , 103, 1653-8	5.4	19
114	Unique Silk Fibers from Weaver Ants <b>2015</b> , 179-181		
113	A review on completely biodegradable composites developed using soy-based matrices. <i>Journal of Reinforced Plastics and Composites</i> , <b>2015</b> , 34, 1457-1475	2.9	7
112	Natural Cellulose Fibers from Corn Stover <b>2015</b> , 5-8		2
111	Wheat and Rice Straw Fibers <b>2015</b> , 9-10		1
110	Regenerated Plant Protein Fibers <b>2015</b> , 245-249		
109	Fibers from Feather Keratin <b>2015</b> , 251-252		1
108	Non-mulberry Silk Fibers <b>2015</b> , 165-174		1
107	Poultry Feathers as Natural Protein Fibers <b>2015</b> , 205-207		
106	Electrospun Fibers from Proteins <b>2015</b> , 287-295		
105	Fibers from Hop Stems <b>2015</b> , 43-44		
104	Fibers from Sorghum Stems and Leaves <b>2015</b> , 11-12		1
103	Fibers from Cotton Stalks <b>2015</b> , 13-14		
102	Fibers from Casein <b>2015</b> , 239-240		
101	Fibers from Switchgrass <b>2015</b> , 41-42		

100	Biodegradable Composites Containing Chicken Feathers as Matrix and Jute Fibers as Reinforcement. <i>Journal of Polymers and the Environment</i> , <b>2014</b> , 22, 310-317	4.5	21
99	Reducing environmental pollution of the textile industry using keratin as alternative sizing agent to poly(vinyl alcohol). <i>Journal of Cleaner Production</i> , <b>2014</b> , 65, 561-567	10.3	60
98	Biothermoplastics from Coproducts of Biofuel Production. <i>ACS Symposium Series</i> , <b>2014</b> , 89-102	0.4	
97	Development and Characterization of Thermoplastics from Corn Distillers Grains Grafted with Various Methacrylates. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 13963-13970	3.9	1
96	Development and characterization of thermoplastic films from sorghum distillers dried grains grafted with various methacrylates. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 2406-11	5.7	11
95	Intrinsically water-stable keratin nanoparticles and their in vivo biodistribution for targeted delivery. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 9145-50	5.7	41
94	Effects of monomers and homopolymer contents on the dry and wet tensile properties of starch films grafted with various methacrylates. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 4668-76	5.7	18
93	Tensile Properties of Thermoplastic Feather Films Grafted with Different Methacrylates. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2014</b> , 2, 1849-1856	8.3	17
92	Grafting soyprotein isolates with various methacrylates for thermoplastic applications. <i>Industrial Crops and Products</i> , <b>2014</b> , 60, 168-176	5.9	9
91	Cytocompatible and water-stable camelina protein films for tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2014</b> , 102, 729-36	3.5	19
90	Antimicrobial activity of cotton fabrics treated with curcumin. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 2698-2702	2.9	28
89	Structure and Properties of Cocoons and Silk Fibers Produced by <i>Attacus atlas</i> . <i>Journal of Polymers and the Environment</i> , <b>2013</b> , 21, 16-23	4.5	12
88	Biothermoplastics from hydrolyzed and citric acid crosslinked chicken feathers. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 1203-8	8.3	39
87	Soy proteins as environmentally friendly sizing agents to replace poly(vinyl alcohol). <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 6085-95	5.1	21
86	Self-assembly of covalently bonded nano-silicates with controllable modulus and thermal stability. <i>Composites Science and Technology</i> , <b>2013</b> , 87, 118-125	8.6	3
85	Bio-thermoplastics from grafted chicken feathers for potential biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 110, 51-8	6	38
84	Potential of using plant proteins and chicken feathers for cotton warp sizing. <i>Cellulose</i> , <b>2013</b> , 20, 2163-2174	3.5	37
83	Biodegradable hollow zein nanoparticles for removal of reactive dyes from wastewater. <i>Journal of Environmental Management</i> , <b>2013</b> , 125, 33-40	7.9	55

82	Thermoplastic films from peanut proteins extracted from peanut meal. <i>Industrial Crops and Products</i> , <b>2013</b> , 43, 159-164	5.9	40
81	Remediation of environmental pollution by substituting poly(vinyl alcohol) with biodegradable warp size from wheat gluten. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 4505-11	10.3	17
80	Corn Distillers Dried Grains as Sustainable and Environmentally Friendly Warp Sizing Agents. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2013</b> , 1, 1564-1571	8.3	16
79	Water-stable electrospun collagen fibers from a non-toxic solvent and crosslinking system. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2013</b> , 101, 1237-47	5.4	83
78	Investigation of the properties and potential medical applications of natural silk fibers produced by <i>Eupackardia calleta</i> . <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2013</b> , 24, 460-9	3.5	3
77	Properties and potential medical applications of silk fibers produced by <i>Rothschildia lebeau</i> . <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2013</b> , 24, 820-30	3.5	3
76	Thermoplastic films from plant proteins. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 130, 729-738	2.9	53
75	Utilizing discarded plastic bags as matrix material for composites reinforced with chicken feathers. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 130, 307-312	2.9	12
74	Thermoplastic films from wheat proteins. <i>Industrial Crops and Products</i> , <b>2012</b> , 35, 70-76	5.9	47
73	Biothermoplastics from soyproteins by steaming. <i>Industrial Crops and Products</i> , <b>2012</b> , 36, 116-121	5.9	10
72	Preparation and properties of peanut protein films crosslinked with citric acid. <i>Industrial Crops and Products</i> , <b>2012</b> , 39, 26-30	5.9	59
71	Investigation of the Structure and Properties of Silk Fibers Produced by <i>Actias lunas</i> . <i>Journal of Polymers and the Environment</i> , <b>2012</b> , 20, 659-664	4.5	8
70	Extraction, characterization of components, and potential thermoplastic applications of camelina meal grafted with vinyl monomers. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 4872-9	5.7	28
69	Properties and potential medical applications of regenerated casein fibers crosslinked with citric acid. <i>International Journal of Biological Macromolecules</i> , <b>2012</b> , 51, 37-44	7.9	32
68	Ultra-light-weight composites from bamboo strips and polypropylene web with exceptional flexural properties. <i>Composites Part B: Engineering</i> , <b>2012</b> , 43, 1658-1664	10	49
67	Biocompatible Natural Silk Fibers from <i>Argema mittrei</i> . <i>Journal of Biobased Materials and Bioenergy</i> , <b>2012</b> , 6, 558-563	1.4	11
66	Synthesis and characterization of highly flexible thermoplastic films from cyanoethylated corn distillers dried grains with solubles. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 1723-8	5.7	12
65	Acetylation of chicken feathers for thermoplastic applications. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 10517-23	5.7	32



64	UK guidelines for the management of pituitary apoplexy. <i>Clinical Endocrinology</i> , <b>2011</b> , 74, 9-20	3.4	234
63	Potential of plant proteins for medical applications. <i>Trends in Biotechnology</i> , <b>2011</b> , 29, 490-8	15.1	173
62	Thermoplastic films from cyanoethylated chicken feathers. <i>Materials Science and Engineering C</i> , <b>2011</b> , 31, 1706-1710	8.3	28
61	Completely biodegradable soyprotein/jute biocomposites developed using water without any chemicals as plasticizer. <i>Industrial Crops and Products</i> , <b>2011</b> , 33, 35-41	5.9	61
60	Biocomposites developed using water-plasticized wheat gluten as matrix and jute fibers as reinforcement. <i>Polymer International</i> , <b>2011</b> , 60, 711-716	3.3	43
59	Unique natural-protein hollow-nanofiber membranes produced by weaver ants for medical applications. <i>Biotechnology and Bioengineering</i> , <b>2011</b> , 108, 1726-33	4.9	12
58	Hollow nanoparticles from zein for potential medical applications. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 18227		106
57	Low-Temperature Wet-Cross-linking of Silk with Citric Acid. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 4458-4463	3.9	18
56	Dyeing Natural Cellulose Fibers from Cornhusks: A Comparative Study with Cotton Fibers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 5642-5650	3.9	6
55	Graft polymerization of native chicken feathers for thermoplastic applications. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 1729-38	5.7	101
54	Reusing polyester/cotton blend fabrics for composites. <i>Composites Part B: Engineering</i> , <b>2011</b> , 42, 763-770	0	53
53	Acetylation of corn distillers dried grains. <i>Applied Energy</i> , <b>2011</b> , 88, 1664-1670	10.7	16
52	Thermoplastics from acetylated zein-and-oil-free corn distillers dried grains with solubles. <i>Biomass and Bioenergy</i> , <b>2011</b> , 35, 884-892	5.3	17
51	Novel green composites using zein as matrix and jute fibers as reinforcement. <i>Biomass and Bioenergy</i> , <b>2011</b> , 35, 3496-3503	5.3	24
50	Novel wheat protein films as substrates for tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2011</b> , 22, 2063-77	3.5	26
49	Chemical Structure of Poly(Lactic Acid) <b>2010</b> , 67-82		8
48	Morphology and tensile properties of silk fibers produced by uncommon Saturniidae. <i>International Journal of Biological Macromolecules</i> , <b>2010</b> , 46, 419-24	7.9	20
47	Cytocompatible cross-linking of electrospun zein fibers for the development of water-stable tissue engineering scaffolds. <i>Acta Biomaterialia</i> , <b>2010</b> , 6, 4042-51	10.8	155



46	Developing Water Stable Gliadin Films Without Using Crosslinking Agents. <i>Journal of Polymers and the Environment</i> , <b>2010</b> , 18, 277-283	4.5	9
45	Structure and properties of cocoons and silk fibers produced by <i>Hyalophora cecropia</i> . <i>Journal of Materials Science</i> , <b>2010</b> , 45, 4414-4421	4.3	21
44	Structure and properties of ultrafine silk fibers produced by <i>Theriodopteryx ephemeraeformis</i> . <i>Journal of Materials Science</i> , <b>2010</b> , 45, 6617-6622	4.3	11
43	Using hop bines as reinforcements for lightweight polypropylene composites. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 116, NA-NA	2.9	1
42	Light-weight polypropylene composites reinforced with whole chicken feathers. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 116, NA-NA	2.9	9
41	Citric acid cross-linking of starch films. <i>Food Chemistry</i> , <b>2010</b> , 118, 702-711	8.5	428
40	Non-traditional lightweight polypropylene composites reinforced with milkweed floss. <i>Polymer International</i> , <b>2010</b> , 59, 884-890	3.3	23
39	Potential and Properties of Plant Proteins for Tissue Engineering Applications. <i>IFMBE Proceedings</i> , <b>2009</b> , 1282-1284	0.2	3
38	Preparation and properties of starch acetate fibers for potential tissue engineering applications. <i>Biotechnology and Bioengineering</i> , <b>2009</b> , 103, 1016-22	4.9	31
37	Soyprotein fibers with high strength and water stability for potential medical applications. <i>Biotechnology Progress</i> , <b>2009</b> , 25, 1796-802	2.8	20
36	Alkali-catalyzed low temperature wet crosslinking of plant proteins using carboxylic acids. <i>Biotechnology Progress</i> , <b>2009</b> , 25, 139-46	2.8	78
35	Properties of natural cellulose fibers from hop stems. <i>Carbohydrate Polymers</i> , <b>2009</b> , 77, 898-902	10.3	66
34	Extraction and characterization of natural cellulose fibers from common milkweed stems. <i>Polymer Engineering and Science</i> , <b>2009</b> , 49, 2212-2217	2.3	46
33	Natural cellulose fibers from soybean straw. <i>Bioresource Technology</i> , <b>2009</b> , 100, 3593-8	11	63
32	Extraction, characterization and potential applications of cellulose in corn kernels and Distillers' dried grains with solubles (DDGS). <i>Carbohydrate Polymers</i> , <b>2009</b> , 76, 521-527	10.3	54
31	Properties and potential applications of natural cellulose fibers from the bark of cotton stalks. <i>Bioresource Technology</i> , <b>2009</b> , 100, 3563-9	11	139
30	Wet cross-linking gliadin fibers with citric acid and a quantitative relationship between cross-linking conditions and mechanical properties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 90-8	5.7	36
29	Effect of Structures and Concentrations of Softeners on the Performance Properties and Durability to Laundering of Cotton Fabrics. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 2502-2510	3.9	17

28	Self-crosslinked gliadin fibers with high strength and water stability for potential medical applications. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2008</b> , 19, 2055-61	4.5	34
27	A new crosslinked protein fiber from gliadin and the effect of crosslinking parameters on its mechanical properties and water stability. <i>Polymer International</i> , <b>2008</b> , 57, 1174-1181	3.3	19
26	Effect of Glutaraldehyde Crosslinking Conditions on the Strength and Water Stability of Wheat Gluten Fibers. <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 614-620	3.9	37
25	Polylactic acid/polypropylene polyblend fibers for better resistance to degradation. <i>Polymer Degradation and Stability</i> , <b>2008</b> , 93, 233-241	4.7	124
24	Characterizing natural cellulose fibers from velvet leaf ( <i>Abutilon theophrasti</i> ) stems. <i>Bioresource Technology</i> , <b>2008</b> , 99, 2449-54	11	57
23	Bleaching of Kenaf and Cornhusk Fibers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2007</b> , 46, 14523-14528	3.9	24
22	Structure and properties of natural cellulose fibers obtained from sorghum leaves and stems. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 5569-74	5.7	45
21	Novel protein fibers from wheat gluten. <i>Biomacromolecules</i> , <b>2007</b> , 8, 638-43	6.9	76
20	An acidic method of zein extraction from DDGS. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 6279-84	5.7	61
19	Natural cellulose fibers from switchgrass with tensile properties similar to cotton and linen. <i>Biotechnology and Bioengineering</i> , <b>2007</b> , 97, 1021-7	4.9	44
18	Effect of Lignin on the Heat and Light Resistance of Lignocellulosic Fibers. <i>Macromolecular Materials and Engineering</i> , <b>2007</b> , 292, 458-466	3.9	20
17	Structure and Properties of Chicken Feather Barbs as Natural Protein Fibers. <i>Journal of Polymers and the Environment</i> , <b>2007</b> , 15, 81-87	4.5	126
16	Preparation and characterization of long natural cellulose fibers from wheat straw. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 8570-5	5.7	66
15	Nontraditional Biofibers for A New Textile Industry. <i>Journal of Biobased Materials and Bioenergy</i> , <b>2007</b> , 1, 177-190	1.4	19
14	Effects of Printhouse Humidity and Temperature on Quality of Ink Jet Printed Cotton, Silk, and Nylon Fabrics. <i>Journal of Imaging Science and Technology</i> , <b>2006</b> , 50, 181	1.2	2
13	Properties of high-quality long natural cellulose fibers from rice straw. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 8077-81	5.7	93
12	Properties and potential applications of natural cellulose fibers from cornhusks. <i>Green Chemistry</i> , <b>2005</b> , 7, 190	10	150
11	Structure and properties of high quality natural cellulose fibers from cornstalks. <i>Polymer</i> , <b>2005</b> , 46, 5494-5500	3.5	210

10	Biofibers from agricultural byproducts for industrial applications. <i>Trends in Biotechnology</i> , <b>2005</b> , 23, 22-715.1	645
9	Effect of Alkali Treatment on the Structure and Properties of Natural Cellulose Fibers from Areca Cathechu Shells. <i>Journal of Natural Fibers</i> ,1-11	1.8 0
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7	Biobased insulating panels from mulberry stems. <i>Journal of Thermoplastic Composite Materials</i> ,089270572110108	1.8 0
6	Green Energy from Discarded Wool and Fish Scales. <i>Waste and Biomass Valorization</i> ,1	3.2 1
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