

Yiqi Q Yang

List of Publications by Year in Descending Order

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Version: 2024-04-17

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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.

278
papers

9,004
citations

49
h-index

82
g-index

285
ext. papers

10,166
ext. citations

5.6
avg, IF

6.73
L-index

#	Paper	IF	Citations
278	Pathological and therapeutic roles of bioactive peptide trefoil factor 3 in diverse diseases: recent progress and perspective.. <i>Cell Death and Disease</i> , 2022 , 13, 62	9.8	1
277	3D printing of toughened enantiomeric PLA/PBAT/PMMA quaternary system with complete stereo-complexation: Compatibilizer architecture effects. <i>Polymer</i> , 2022 , 242, 124590	3.9	0
276	Complete separation of colorants from polymeric materials for cost-effective recycling of waste textiles. <i>Chemical Engineering Journal</i> , 2022 , 427, 131570	14.7	5
275	A sustainable approach to synchronous improvement of wet-stability and toughness of chitosan films. <i>Food Hydrocolloids</i> , 2022 , 123, 107138	10.6	4
274	Pilot-scale spinning and sucrose-tetra-aldehydes-crosslinking of feather-derived protein fibers with improved mechanical properties and water resistance. <i>Sustainable Materials and Technologies</i> , 2021 , 31, e00367	5.3	0
273	Hierarchical crystallization strategy adaptive to 3-dimensional printing of polylactide matrix for complete stereo-complexation. <i>International Journal of Biological Macromolecules</i> , 2021 , 193, 247-257	7.9	1
272	Flexible and wet stable starch films crosslinked with sugar-based aldehydes. <i>Industrial Crops and Products</i> , 2021 , 173, 114109	5.9	1
271	Breviscapine Alleviates Nonalcoholic Steatohepatitis by Inhibiting TGF- β -Activated Kinase 1-dependent Signaling. <i>Hepatology</i> , 2021 ,	11.2	2
270	The traditional Chinese medicine formula Fufang-Zhenzhu-Tiaozhi protects myocardia from injury in diabetic minipigs with coronary heart disease. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 137, 111343	7.5	3
269	FTZ attenuates liver steatosis and fibrosis in the minipigs with type 2 diabetes by regulating the AMPK signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 138, 111532	7.5	2
268	Molecular mechanism of Fufang Zhenzhu Tiaozhi capsule in the treatment of type 2 diabetes mellitus with nonalcoholic fatty liver disease based on network pharmacology and validation in minipigs. <i>Journal of Ethnopharmacology</i> , 2021 , 274, 114056	5	2
267	Clean cotton dyeing in circulated dyebath of waste cooking oil: A feasible industrialization strategy for pollution minimization. <i>Journal of Cleaner Production</i> , 2021 , 278, 123799	10.3	2
266	Polysaccharides from <i>Dendrobium officinale</i> ameliorate colitis-induced lung injury via inhibiting inflammation and oxidative stress. <i>Chemico-Biological Interactions</i> , 2021 , 347, 109615	5	5
265	Controlled assembly of secondary keratin structures for continuous and scalable production of tough fibers from chicken feathers. <i>Green Chemistry</i> , 2020 , 22, 1726-1734	10	17
264	From Poultry Wastes to Quality Protein Products via Restoration of the Secondary Structure with Extended Disulfide Linkages. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 1396-1405	8.3	3
263	Transferring feather wastes to ductile keratin filaments towards a sustainable poultry industry. <i>Waste Management</i> , 2020 , 115, 65-73	8.6	12
262	Ductile keratin/deacetylated chitin composites with nanoparticle-induced formation of ordered and entangled structures. <i>Composites Science and Technology</i> , 2020 , 200, 108462	8.6	5

261	Bilobalide reversibly modulates blood-brain barrier permeability through promoting adenosine A1 receptor-mediated phosphorylation of actin-binding proteins. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 526, 1077-1084	3.4	6
260	Dendrobium officinale polysaccharides alleviate colon tumorigenesis via restoring intestinal barrier function and enhancing anti-tumor immune response. <i>Pharmacological Research</i> , 2019 , 148, 104417	10.2	41
259	Chitosan/gallnut tannins composite fiber with improved tensile, antibacterial and fluorescence properties. <i>Carbohydrate Polymers</i> , 2019 , 226, 115311	10.3	23
258	Reactive tendering: mechanism and solutions. <i>Cellulose</i> , 2019 , 26, 5769-5781	5.5	4
257	Enhancing the recrystallization ability of bio-based polylactide stereocomplex by in situ construction of multi-block branched conformation. <i>Journal of Materials Science</i> , 2019 , 54, 12145-12158	4.3	2
256	Salt-free and environment-friendly reactive dyeing of cotton in cottonseed oil/water system. <i>Cellulose</i> , 2019 , 26, 6379-6391	5.5	15
255	Cost-effective reactive dyeing using spent cooking oil for minimal discharge of dyes and salts. <i>Journal of Cleaner Production</i> , 2019 , 227, 1023-1034	10.3	20
254	High sorption of reactive dyes onto cotton controlled by chemical potential gradient for reduction of dyeing effluents. <i>Journal of Environmental Management</i> , 2019 , 239, 271-278	7.9	18
253	Poly(l-lactic acid) bio-composites reinforced by oligo(d-lactic acid) grafted chitosan for simultaneously improved ductility, strength and modulus. <i>International Journal of Biological Macromolecules</i> , 2019 , 131, 495-504	7.9	14
252	Submicron amino acid particles reinforced 100% keratin biomedical films with enhanced wet properties via interfacial strengthening. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 177, 33-40	6	12
251	Semistable Emulsion System Based on Spent Cooking Oil for Pilot-Scale Reactive Dyeing with Minimal Discharges. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13698-13707	8.3	12
250	Valorization of keratin from food wastes via crosslinking using non-toxic oligosaccharide derivatives. <i>Food Chemistry</i> , 2019 , 300, 125181	8.5	15
249	A water/cottonseed oil bath with controllable dye sorption for high dyeing quality and minimum discharges. <i>Journal of Cleaner Production</i> , 2019 , 236, 117566	10.3	8
248	Overexpression of OsAGO1b Induces Adaxially Rolled Leaves by Affecting Leaf Abaxial Sclerenchymatous Cell Development in Rice. <i>Rice</i> , 2019 , 12, 60	5.8	7
247	Dendrobium officinale polysaccharides attenuate learning and memory disabilities via anti-oxidant and anti-inflammatory actions. <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 414-426	7.9	28
246	Quantitation of fast hydrolysis of cellulose catalyzed by its substituents for potential biomass conversion. <i>Bioresource Technology</i> , 2019 , 273, 305-312	11	8
245	Feasibility of industrial-scale treatment of dye wastewater via bio-adsorption technology. <i>Bioresource Technology</i> , 2019 , 277, 157-170	11	235
244	Spinnability and rheological properties of globular soy protein solution. <i>Food Hydrocolloids</i> , 2019 , 90, 443-451	10.6	9

243	A clean approach for potential continuous mass production of high-molecular-weight polylactide fibers with fully stereo-complexed crystallites. <i>Journal of Cleaner Production</i> , 2018 , 176, 151-158	10.3	8
242	One-Pot Versatile Synthesis of Branched-Multiblock Copolymers Based on Polylactide and Poly(E-caprolactone). <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 242-249	3.9	5
241	Poly(lactide) fibers with enhanced hydrolytic and thermal stability via complete stereo-complexation of poly(l-lactide) with high molecular weight of 600000 and lower-molecular-weight poly(d-lactide). <i>Journal of Materials Science</i> , 2018 , 53, 5490-5500	4.3	14
240	Freeze-extrusion for controllable assembly of 3-dimensional ultra-fine and amorphous fibrous matrices: potential applications in sorption. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10320-10330	13	14
239	Compression-molded composites from waste polypropylene carpets. <i>Polymer Composites</i> , 2018 , 39, 595-605		0
238	Protective roles and mechanisms of <i>Dendrobium officinale</i> polysaccharides on secondary liver injury in acute colitis. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 2201-2210	7.9	31
237	Benign Fabrication of Fully Stereocomplex Polylactide with High Molecular Weights via a Thermally Induced Technique. <i>ACS Omega</i> , 2018 , 3, 7979-7984	3.9	2
236	Ultrasound-microwave assisted extraction of natural colorants from sorghum husk with different solvents. <i>Industrial Crops and Products</i> , 2018 , 120, 203-213	5.9	38
235	Urea-cysteine based extraction of densely crosslinked proteins from sorghum distillers grains with high yield and quality. <i>Industrial Crops and Products</i> , 2018 , 121, 360-371	5.9	6
234	Cellulose nanocrystal-reinforced keratin bioadsorbent for effective removal of dyes from aqueous solution. <i>Bioresource Technology</i> , 2017 , 232, 254-262	11	64
233	Potential of Sorghum Husk Extracts as a Natural Functional Dye for Wool Fabrics. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4589-4597	8.3	20
232	Green and Sustainable Technology for High-Efficiency and Low-Damage Manipulation of Densely Crosslinked Proteins. <i>ACS Omega</i> , 2017 , 2, 1760-1768	3.9	7
231	Biodegradable sizing agents from soy protein via controlled hydrolysis and dis-entanglement for remediation of textile effluents. <i>Journal of Environmental Management</i> , 2017 , 188, 26-31	7.9	4
230	Keratin-Based Biocomposites Reinforced and Cross-Linked with Dual-Functional Cellulose Nanocrystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5669-5678	8.3	44
229	Preparation and properties of cotton stalk bark fibers using combined steam explosion and laccase treatment. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45058	2.9	6
228	Enzyme-modified casein fibers and their potential application in drug delivery. <i>Fibers and Polymers</i> , 2017 , 18, 900-906	2	5
227	Non-toxic and clean crosslinking system for protein materials: Effect of extenders on crosslinking performance. <i>Journal of Cleaner Production</i> , 2017 , 150, 214-223	10.3	14
226	Improved mechanism of polyester dyeing with disperse dyes in finite dyebath. <i>Coloration Technology</i> , 2017 , 133, 415-422	2	5

225	Complete stereo-complexation of enantiomeric polylactides for scalable continuous production. <i>Chemical Engineering Journal</i> , 2017 , 328, 759-767	14.7	27
224	Influence of cellulose/[Bmim]Cl solution on the properties of fabricated NIPS PVDF membranes. <i>Journal of Materials Science</i> , 2017 , 52, 9946-9957	4.3	14
223	Degradation and regeneration of feather keratin in NMMO solution. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 17711-17718	5.1	7
222	Rheological properties of soy protein isolate solution for fibers and films. <i>Food Hydrocolloids</i> , 2017 , 64, 149-156	10.6	34
221	Development of Biodegradable Textile Sizes from Soymeal: A Renewable and Cost-Effective Resource. <i>Journal of Polymers and the Environment</i> , 2017 , 25, 349-358	4.5	7
220	Tunable wettability and tensile strength of chitosan membranes using keratin microparticles as reinforcement. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	5
219	Porous Structures from Fibrous Proteins for Biomedical Applications 2017 , 159-177		
218	An environmentally responsible polyester dyeing technology using liquid paraffin. <i>Journal of Cleaner Production</i> , 2016 , 112, 987-994	10.3	37
217	Biodegradable soy protein films with controllable water solubility and enhanced mechanical properties via graft polymerization. <i>Polymer Degradation and Stability</i> , 2016 , 133, 75-84	4.7	17
216	Preparation and properties of cotton stalk bark fibers and their cotton blended yarns and fabrics. <i>Journal of Cleaner Production</i> , 2016 , 139, 267-276	10.3	7
215	Acoustical and mechanical properties of thermoplastic composites from discarded carpets. <i>Composites Part B: Engineering</i> , 2016 , 99, 98-105	10	7
214	Effects of chemical structures of polycarboxylic acids on molecular and performance manipulation of hair keratin. <i>RSC Advances</i> , 2016 , 6, 58594-58603	3.7	15
213	Industrial trial of high-quality all green sizes composed of soy-derived protein and glycerol. <i>Journal of Cleaner Production</i> , 2016 , 135, 1-8	10.3	20
212	Functions of soymeal compositions in textile sizing. <i>Industrial Crops and Products</i> , 2016 , 89, 455-464	5.9	16
211	Compression molded composites from discarded nylon 6/nylon 6,6 carpets for sustainable industries. <i>Journal of Cleaner Production</i> , 2016 , 117, 212-220	10.3	14
210	Green Finishing of Cotton Fabrics Using a Xylitol-Extended Citric Acid Cross-linking System on a Pilot Scale. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 1131-1138	8.3	17
209	Characterization of dimethyl sulfoxide-treated wool and enhancement of reactive wool dyeing in non-aqueous medium. <i>Textile Research Journal</i> , 2016 , 86, 533-542	1.7	10
208	Antioxidant-assisted coloration of wool with xanthophylls extracted from corn distillers' dry grain. <i>Coloration Technology</i> , 2016 , 132, 208-216	2	3

207	Pure keratin membrane and fibers from chicken feather. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 614-21	7.9	70
206	Oxidized Sucrose: A Potent and Biocompatible Crosslinker for Three-Dimensional Fibrous Protein Scaffolds. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 414-422	3.9	22
205	Cellulosic fibers with high aspect ratio from cornhusks via controlled swelling and alkaline penetration. <i>Carbohydrate Polymers</i> , 2015 , 124, 50-6	10.3	14
204	Accelerated hydrolysis of substituted cellulose for potential biofuel production: kinetic study and modeling. <i>Bioresource Technology</i> , 2015 , 196, 332-8	11	11
203	Hydrolysis-free and fully recyclable reactive dyeing of cotton in green, non-nucleophilic solvents for a sustainable textile industry. <i>Journal of Cleaner Production</i> , 2015 , 107, 550-556	10.3	38
202	Molecular surface area based predictive models for the adsorption and diffusion of disperse dyes in polylactic acid matrix. <i>Journal of Colloid and Interface Science</i> , 2015 , 458, 22-31	9.3	5
201	Comprehensive Study on Cellulose Swelling for Completely Recyclable Nonaqueous Reactive Dyeing. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 2439-2446	3.9	18
200	Modified soy protein to substitute non-degradable petrochemicals for slashing industry. <i>Industrial Crops and Products</i> , 2015 , 67, 466-474	5.9	16
199	Sustainable and Hydrolysis-Free Dyeing Process for Polylactic Acid Using Nonaqueous Medium. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 1039-1046	8.3	26
198	Potent and regularizable crosslinking of ultrafine fibrous protein scaffolds for tissue engineering using a cytocompatible disaccharide derivative. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3609-3616	7.3	30
197	Robust and Flexible Films from 100% Starch Cross-Linked by Biobased Disaccharide Derivative. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 2631-2639	8.3	64
196	Antiproliferative and apoptosis-inducing activities of novel naphthalimide-cyclam conjugates through dual topoisomerase (topo) I/II inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 5672-80	3.4	16
195	Non-Toxic Crosslinking of Starch Using Polycarboxylic Acids: Kinetic Study and Quantitative Correlation of Mechanical Properties and Crosslinking Degrees. <i>Journal of Polymers and the Environment</i> , 2015 , 23, 588-594	4.5	20
194	Development of wheat glutenin nanoparticles and their biodistribution in mice. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1653-8	5.4	19
193	Quantitative Correlation Between Cross-Linking Degrees and Mechanical Properties of Protein Films Modified With Polycarboxylic Acids. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 1133-1140	3.9	10
192	Improving wet strength of soy protein films using oxidized sucrose. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	4
191	Unique Silk Fibers from Weaver Ants 2015 , 179-181		
190	Low-temperature crosslinking of proteins using non-toxic citric acid in neutral aqueous medium: Mechanism and kinetic study. <i>Industrial Crops and Products</i> , 2015 , 74, 234-240	5.9	52

189	A sustainable slashing industry using biodegradable sizes from modified soy protein to replace petro-based poly(vinyl alcohol). <i>Environmental Science & Technology</i> , 2015 , 49, 2391-7	10.3	20
188	Controlled delivery of hollow corn protein nanoparticles via non-toxic crosslinking: in vivo and drug loading study. <i>Biomedical Microdevices</i> , 2015 , 17, 8	3.7	51
187	Quantitative analysis of citric acid/sodium hypophosphite modified cotton by HPLC and conductometric titration. <i>Carbohydrate Polymers</i> , 2015 , 121, 92-8	10.3	23
186	Natural Cellulose Fibers from Corn Stover 2015 , 5-8		2
185	Wheat and Rice Straw Fibers 2015 , 9-10		1
184	Fibers from Poly(trimethylene terephthalate) (PTT Fibers) 2015 , 353-371		1
183	Biocomposites Using Lignocellulosic Agricultural Residues as Reinforcement 2015 , 391-417		1
182	Regenerated Plant Protein Fibers 2015 , 245-249		
181	Fibers from Feather Keratin 2015 , 251-252		1
180	Non-mulberry Silk Fibers 2015 , 165-174		1
179	Poultry Feathers as Natural Protein Fibers 2015 , 205-207		
178	Electrospun Fibers from Proteins 2015 , 287-295		
177	Fibers from Hop Stems 2015 , 43-44		
176	Fibers from Sorghum Stems and Leaves 2015 , 11-12		1
175	Fibers from Cotton Stalks 2015 , 13-14		
174	Fibers from Casein 2015 , 239-240		
173	Fibers from Switchgrass 2015 , 41-42		
172	Toughening of Poly(l-lactide) with Methyl MQ Silicone Resin. <i>European Polymer Journal</i> , 2014 , 50, 243-248	3.2	15

171	Biodegradable Composites Containing Chicken Feathers as Matrix and Jute Fibers as Reinforcement. <i>Journal of Polymers and the Environment</i> , 2014 , 22, 310-317	4.5	21
170	Reducing environmental pollution of the textile industry using keratin as alternative sizing agent to poly(vinyl alcohol). <i>Journal of Cleaner Production</i> , 2014 , 65, 561-567	10.3	60
169	Synthesis and mechanical properties of thermoplastic films from lignin, sebacic acid and poly(ethylene glycol). <i>Industrial Crops and Products</i> , 2014 , 56, 105-112	5.9	26
168	Development and Characterization of Thermoplastics from Corn Distillers Grains Grafted with Various Methacrylates. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 13963-13970	3.9	1
167	Controlled De-Cross-Linking and Disentanglement of Feather Keratin for Fiber Preparation via a Novel Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 1404-1410	8.3	72
166	Intrinsically water-stable electrospun three-dimensional ultrafine fibrous soy protein scaffolds for soft tissue engineering using adipose derived mesenchymal stem cells. <i>RSC Advances</i> , 2014 , 4, 15451	3.7	41
165	Water-stable three-dimensional ultrafine fibrous scaffolds from keratin for cartilage tissue engineering. <i>Langmuir</i> , 2014 , 30, 8461-70	4	96
164	Development and characterization of thermoplastic films from sorghum distillers dried grains grafted with various methacrylates. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 2406-11	5.7	11
163	Novel metal complexes of naphthalimide-cyclam conjugates as potential multi-target receptor tyrosine kinase (RTK) inhibitors: synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2014 , 85, 207-14	6.8	17
162	Heterogeneous Chemical Modification of Cotton Cellulose with Vinyl Sulfone Dyes in Non-Nucleophilic Organic Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 15802-15810	3.9	22
161	Preparation of lightweight polypropylene composites reinforced by cotton stalk fibers from combined steam flash-explosion and alkaline treatment. <i>Journal of Cleaner Production</i> , 2014 , 83, 454-462	10.3	35
160	Intrinsically water-stable keratin nanoparticles and their in vivo biodistribution for targeted delivery. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 9145-50	5.7	41
159	Textile grade long natural cellulose fibers from bark of cotton stalks using steam explosion as a pretreatment. <i>Cellulose</i> , 2014 , 21, 3851-3860	5.5	32
158	Dissolution and regeneration of wool via controlled disintegration and disentanglement of highly crosslinked keratin. <i>Journal of Materials Science</i> , 2014 , 49, 7513-7521	4.3	39
157	Ultrafine fibrous gelatin scaffolds with deep cell infiltration mimicking 3D ECMs for soft tissue repair. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 1789-800	4.5	19
156	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> , 2014 , 62, 4668-76	5.7	18
155	Tensile Properties of Thermoplastic Feather Films Grafted with Different Methacrylates. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 1849-1856	8.3	17
154	Electrospun ultrafine fibrous wheat glutenin scaffolds with three-dimensionally random organization and water stability for soft tissue engineering. <i>Journal of Biotechnology</i> , 2014 , 184, 179-86	3.7	35

153	Hydrothermal pretreatment for the preparation of wool powders. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	4
152	Chemical-free Extraction of Cotton Stalk Bark Fibers by Steam Flash Explosion. <i>BioResources</i> , 2014 , 9,	1.3	6
151	Grafting soyprotein isolates with various methacrylates for thermoplastic applications. <i>Industrial Crops and Products</i> , 2014 , 60, 168-176	5.9	9
150	Cytocompatible and water-stable camelina protein films for tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014 , 102, 729-36	3.5	19
149	3D Electrospun Fibrous Structures from Biopolymers. <i>ACS Symposium Series</i> , 2014 , 103-126	0.4	1
148	Antimicrobial activity of cotton fabrics treated with curcumin. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2698-2702	2.9	28
147	Structure and Properties of Cocoons and Silk Fibers Produced by <i>Attacus atlas</i> . <i>Journal of Polymers and the Environment</i> , 2013 , 21, 16-23	4.5	12
146	Biothermoplastics from hydrolyzed and citric acid crosslinked chicken feathers. <i>Materials Science and Engineering C</i> , 2013 , 33, 1203-8	8.3	39
145	Soy proteins as environmentally friendly sizing agents to replace poly(vinyl alcohol). <i>Environmental Science and Pollution Research</i> , 2013 , 20, 6085-95	5.1	21
144	Self-assembly of covalently bonded nano-silicates with controllable modulus and thermal stability. <i>Composites Science and Technology</i> , 2013 , 87, 118-125	8.6	3
143	Bio-thermoplastics from grafted chicken feathers for potential biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 110, 51-8	6	38
142	Durable Press Finishing of Cotton Fabrics with Citric Acid: Enhancement of Whiteness and Wrinkle Recovery by Polyol Extenders. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16118-16127	3.9	39
141	Dyeing and UV-protection properties of water extracts from orange peel. <i>Journal of Cleaner Production</i> , 2013 , 52, 410-419	10.3	76
140	Potential of using plant proteins and chicken feathers for cotton warp sizing. <i>Cellulose</i> , 2013 , 20, 2163-2174	3.5	37
139	Biodegradable hollow zein nanoparticles for removal of reactive dyes from wastewater. <i>Journal of Environmental Management</i> , 2013 , 125, 33-40	7.9	55
138	Thermoplastic films from peanut proteins extracted from peanut meal. <i>Industrial Crops and Products</i> , 2013 , 43, 159-164	5.9	40
137	Acetylation of rice straw for thermoplastic applications. <i>Carbohydrate Polymers</i> , 2013 , 96, 218-26	10.3	37
136	Novel 3D electrospun scaffolds with fibers oriented randomly and evenly in three dimensions to closely mimic the unique architectures of extracellular matrices in soft tissues: fabrication and mechanism study. <i>Langmuir</i> , 2013 , 29, 2311-8	4	115

135	Remediation of environmental pollution by substituting poly(vinyl alcohol) with biodegradable warp size from wheat gluten. <i>Environmental Science & Technology</i> , 2013 , 47, 4505-11	10.3	17
134	Corn Distillers Dried Grains as Sustainable and Environmentally Friendly Warp Sizing Agents. <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 1564-1571	8.3	16
133	Water-stable electrospun collagen fibers from a non-toxic solvent and crosslinking system. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 1237-47	5.4	83
132	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> , 2013 , 24, 460-9	3.5	3
131	Properties and potential medical applications of silk fibers produced by <i>Rothschildia lebeau</i> . <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013 , 24, 820-30	3.5	3
130	Thermoplastic films from plant proteins. <i>Journal of Applied Polymer Science</i> , 2013 , 130, 729-738	2.9	53
129	HIGH MODULUS SILICATES/POLY (L-LACTIC ACID) BASED POLYMERS ASSEMBLIES FOR POTENTIAL APPLICATIONS IN TISSUE ENGINEERING. <i>Functional Materials Letters</i> , 2013 , 06, 1350037	1.2	
128	Utilizing discarded plastic bags as matrix material for composites reinforced with chicken feathers. <i>Journal of Applied Polymer Science</i> , 2013 , 130, 307-312	2.9	12
127	Thermoplastic films from wheat proteins. <i>Industrial Crops and Products</i> , 2012 , 35, 70-76	5.9	47
126	Biothermoplastics from soyproteins by steaming. <i>Industrial Crops and Products</i> , 2012 , 36, 116-121	5.9	10
125	Preparation and properties of peanut protein films crosslinked with citric acid. <i>Industrial Crops and Products</i> , 2012 , 39, 26-30	5.9	59
124	Bioplastics from Waste Materials and Low-Value Byproducts. <i>ACS Symposium Series</i> , 2012 , 113-140	0.4	3
123	Investigation of the Structure and Properties of Silk Fibers Produced by <i>Actias lunas</i> . <i>Journal of Polymers and the Environment</i> , 2012 , 20, 659-664	4.5	8
122	Extraction, characterization of components, and potential thermoplastic applications of camelina meal grafted with vinyl monomers. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 4872-9	5.7	28
121	Properties and potential medical applications of regenerated casein fibers crosslinked with citric acid. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 37-44	7.9	32
120	Fabrication and characterization of DNA-loaded zein nanospheres. <i>Journal of Nanobiotechnology</i> , 2012 , 10, 44	9.4	58
119	Adsorption Kinetic and Thermodynamic Studies of Silk Dyed with Sodium Copper Chlorophyllin. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 8341-8347	3.9	32
118	Ultra-light-weight composites from bamboo strips and polypropylene web with exceptional flexural properties. <i>Composites Part B: Engineering</i> , 2012 , 43, 1658-1664	10	49

117	Preparation and Properties of Long Wheat Straw Fibers Used for Composite. <i>Advanced Materials Research</i> , 2012 , 476-478, 843-846	0.5	1
116	Biocompatible Natural Silk Fibers from <i>Argema mittrei</i> . <i>Journal of Biobased Materials and Bioenergy</i> , 2012 , 6, 558-563	1.4	11
115	Blending water-soluble aliphatic-aromatic copolyester in starch for enhancing the adhesion of sizing paste to polyester fibers. <i>Journal of the Textile Institute</i> , 2011 , 102, 681-688	1.5	20
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