

# Peter R Chang

## List of Publications by Citations

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137  
papers

8,412  
citations

50  
h-index

89  
g-index

142  
ext. papers

9,145  
ext. citations

6.4  
avg, IF

6.09  
L-index

#	Paper	IF	Citations
137	Analytical, Biochemical and Physicochemical Aspects of Starch Granule Size, with Emphasis on Small Granule Starches: A Review. <i>Starch/Staerke</i> , <b>2004</b> , 56, 89-99	2.3	440
136	Surface acetylation of cellulose nanocrystal and its reinforcing function in poly(lactic acid). <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 1834-1842	10.3	294
135	Bionanocomposites based on pea starch and cellulose nanowhiskers hydrolyzed from pea hull fibre: Effect of hydrolysis time. <i>Carbohydrate Polymers</i> , <b>2009</b> , 76, 607-615	10.3	293
134	Fabrication and characterization of citric acid-modified starch nanoparticles/plasticized-starch composites. <i>Biomacromolecules</i> , <b>2008</b> , 9, 3314-20	6.9	277
133	Comparative study on the films of poly(vinyl alcohol)/pea starch nanocrystals and poly(vinyl alcohol)/native pea starch. <i>Carbohydrate Polymers</i> , <b>2008</b> , 73, 8-17	10.3	235
132	Starch composites reinforced by bamboo cellulosic crystals. <i>Bioresource Technology</i> , <b>2010</b> , 101, 2529-36	11	230
131	Bamboo fiber and its reinforced composites: structure and properties. <i>Cellulose</i> , <b>2012</b> , 19, 1449-1480	5.5	206
130	Transitional properties of starch colloid with particle size reduction from micro- to nanometer. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 339, 117-24	9.3	203
129	Properties of biodegradable thermoplastic pea starch/carboxymethyl cellulose and pea starch/microcrystalline cellulose composites. <i>Carbohydrate Polymers</i> , <b>2008</b> , 72, 369-375	10.3	192
128	Preparation and properties of glycerol plasticized-starch (GPS)/cellulose nanoparticle (CN) composites. <i>Carbohydrate Polymers</i> , <b>2010</b> , 79, 301-305	10.3	188
127	Effects of polymer-grafted natural nanocrystals on the structure and mechanical properties of poly(lactic acid): A case of cellulose whisker-graft-polycaprolactone. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 113, 3417-3425	2.9	181
126	Green composites reinforced with hemp nanocrystals in plasticized starch. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 109, 3804-3810	2.9	167
125	Effect of agar on the microstructure and performance of potato starch film. <i>Carbohydrate Polymers</i> , <b>2009</b> , 76, 299-304	10.3	161
124	Characterization of magnetic soluble starch-functionalized carbon nanotubes and its application for the adsorption of the dyes. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 186, 2144-50	12.8	159
123	Properties of biodegradable citric acid-modified granular starch/thermoplastic pea starch composites. <i>Carbohydrate Polymers</i> , <b>2009</b> , 75, 1-8	10.3	159
122	Starch-based composites reinforced with novel chitin nanoparticles. <i>Carbohydrate Polymers</i> , <b>2010</b> , 80, 420-425	10.3	158
121	Fabrication and characterisation of chitosan nanoparticles/plasticised-starch composites. <i>Food Chemistry</i> , <b>2010</b> , 120, 736-740	8.5	156

120	Effect of polysaccharide nanocrystals on structure, properties, and drug release kinetics of alginate-based microspheres. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2011</b> , 85, 270-9	6	155
119	Influence of formamide and water on the properties of thermoplastic starch/poly(lactic acid) blends. <i>Carbohydrate Polymers</i> , <b>2008</b> , 71, 109-118	10.3	155
118	Fabrication of ultra-light graphene-based gels and their adsorption of methylene blue. <i>Chemical Engineering Journal</i> , <b>2014</b> , 240, 595-600	14.7	145
117	Simultaneous reinforcing and toughening: New nanocomposites of waterborne polyurethane filled with low loading level of starch nanocrystals. <i>Polymer</i> , <b>2008</b> , 49, 1860-1870	3.9	136
116	Preparation and properties of glycerol plasticized-pea starch/zinc oxide-starch bionanocomposites. <i>Carbohydrate Polymers</i> , <b>2009</b> , 75, 472-478	10.3	132
115	Structure and properties of polysaccharide nanocrystal-doped supramolecular hydrogels based on Cyclodextrin inclusion. <i>Polymer</i> , <b>2010</b> , 51, 4398-4407	3.9	128
114	Structure and properties of starch nanocrystal-reinforced soy protein plastics. <i>Polymer Composites</i> , <b>2009</b> , 30, 474-480	3	116
113	Polysaccharides as stabilizers for the synthesis of magnetic nanoparticles. <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 640-644	10.3	114
112	Modification of porous starch for the adsorption of heavy metal ions from aqueous solution. <i>Food Chemistry</i> , <b>2015</b> , 181, 133-9	8.5	107
111	Structure and Mechanical Properties of Poly(lactic acid) Filled with (Starch nanocrystal)-graft-poly( $\epsilon$ -caprolactone). <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 763-770	3.9	105
110	Biomimetic soy protein nanocomposites with calcium carbonate crystalline arrays for use as wood adhesive. <i>Bioresource Technology</i> , <b>2010</b> , 101, 6235-41	11	101
109	Preparation and properties of biodegradable poly(propylene carbonate)/thermoplastic dried starch composites. <i>Carbohydrate Polymers</i> , <b>2008</b> , 71, 229-234	10.3	99
108	Epichlorohydrin-Cross-linked Hydroxyethyl Cellulose/Soy Protein Isolate Composite Films as Biocompatible and Biodegradable Implants for Tissue Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 2781-95	9.5	94
107	A Novel Thermoformable Bionanocomposite Based on Cellulose Nanocrystal-graft-Poly( $\epsilon$ -caprolactone). <i>Macromolecular Materials and Engineering</i> , <b>2009</b> , 294, 59-67	3.9	93
106	Hydrophobic modification of cellulose nanocrystal via covalently grafting of castor oil. <i>Cellulose</i> , <b>2013</b> , 20, 179-190	5.5	91
105	Structural characterization and properties of starch/konjac glucomannan blend films. <i>Carbohydrate Polymers</i> , <b>2008</b> , 74, 946-952	10.3	89
104	The composites based on plasticized starch and graphene oxide/reduced graphene oxide. <i>Carbohydrate Polymers</i> , <b>2013</b> , 94, 63-70	10.3	83
103	Physiological effects of magnetic iron oxide nanoparticles towards watermelon. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 5561-7	1.3	80

102	Preparation and characterization of magnetic rectorite/iron oxide nanocomposites and its application for the removal of the dyes. <i>Chemical Engineering Journal</i> , <b>2011</b> , 174, 489-494	14.7	80
101	Characterization of magnetic guar gum-grafted carbon nanotubes and the adsorption of the dyes. <i>Carbohydrate Polymers</i> , <b>2012</b> , 87, 1919-1924	10.3	78
100	The preparation and properties of dialdehyde starch and thermoplastic dialdehyde starch. <i>Carbohydrate Polymers</i> , <b>2010</b> , 79, 296-300	10.3	78
99	Poly(butylene succinate)-based biocomposites filled with polysaccharide nanocrystals: Structure and properties. <i>Polymer Composites</i> , <b>2011</b> , 32, 472-482	3	77
98	Structure and mechanical properties of new biomass-based nanocomposite: castor oil-based polyurethane reinforced with acetylated cellulose nanocrystal. <i>Carbohydrate Polymers</i> , <b>2013</b> , 95, 91-9	10.3	75
97	Preparation and properties of plasticized starch/multiwalled carbon nanotubes composites. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 106, 1431-1437	2.9	70
96	Reinforcement and nucleation of acetylated cellulose nanocrystals in foamed polyester composites. <i>Carbohydrate Polymers</i> , <b>2015</b> , 129, 208-15	10.3	69
95	Preparation, Modification, and Application of Starch Nanocrystals in Nanomaterials: A Review. <i>Journal of Nanomaterials</i> , <b>2011</b> , 2011, 1-13	3.2	68
94	Preparation and properties of halloysite nanotubes/plasticized <i>Dioscorea opposita</i> Thunb. starch composites. <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 186-191	10.3	68
93	Microdetermination of diosgenin from fenugreek ( <i>Trigonella foenum-graecum</i> ) seeds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 5206-10	5.7	67
92	Influence of Citric Acid on the Properties of Glycerol-plasticized dry Starch (DTPS) and DTPS/Poly(lactic acid) Blends. <i>Starch/Staerke</i> , <b>2007</b> , 59, 409-417	2.3	66
91	Characteristics of Starch from Eight Quinoa Lines. <i>Cereal Chemistry</i> , <b>2005</b> , 82, 216-222	2.4	64
90	Pea starch-based composite films with pea hull fibers and pea hull fiber-derived nanowhiskers. <i>Polymer Engineering and Science</i> , <b>2009</b> , 49, 369-378	2.3	54
89	Effects of starch nanocrystals on structure and properties of waterborne polyurethane-based composites. <i>Carbohydrate Polymers</i> , <b>2011</b> , 85, 824-831	10.3	54
88	Structure and properties of starch/zirconium phosphate nanocomposite films. <i>Carbohydrate Polymers</i> , <b>2009</b> , 77, 358-364	10.3	53
87	Preparation and properties of layered double hydroxide/carboxymethylcellulose sodium/glycerol plasticized starch nanocomposites. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 877-882	10.3	50
86	Preparation and properties of plasticized starch modified with poly( $\epsilon$ -caprolactone) based waterborne polyurethane. <i>Carbohydrate Polymers</i> , <b>2008</b> , 71, 119-125	10.3	49
85	Preparation and Properties of Thermoplastic Starch/Montmorillonite Nanocomposite Using N-(2-Hydroxyethyl)formamide as a New Additive. <i>Journal of Polymers and the Environment</i> , <b>2009</b> , 17, 225-232	4.5	44

84	Preparation of controllable porous starch with different starch concentrations by the single or dual freezing process. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 1181-1186	10.3	44
83	Properties and structural characterization of oxidized starch/PVA/zirconium phosphate composites. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 1089-1097	2.9	44
82	Preparation and properties of the succinic ester of porous starch. <i>Carbohydrate Polymers</i> , <b>2012</b> , 88, 604-608	10.3	42
81	Preparation and characterization of starch-grafted multiwall carbon nanotube composites. <i>Carbohydrate Polymers</i> , <b>2011</b> , 84, 1378-1383	10.3	41
80	Accelerated skin wound healing by soy protein isolate-modified hydroxypropyl chitosan composite films. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 118, 1293-1302	7.9	41
79	Preparation of porous starch and its use as a structure-directing agent for production of porous zinc oxide. <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 1016-1019	10.3	40
78	Amylose wrapped halloysite nanotubes. <i>Carbohydrate Polymers</i> , <b>2011</b> , 84, 1426-1429	10.3	40
77	Characterization of Magnetic Carbon Nanotube- $\beta$ -cyclodextrin Composite and Its Adsorption of Dye. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 1415-1421	3.9	39
76	Thermoplastic Soy Protein Nanocomposites Reinforced by Carbon Nanotubes. <i>Macromolecular Materials and Engineering</i> , <b>2007</b> , 292, 780-788	3.9	39
75	Graphene-poly(vinyl alcohol) composites: Fabrication, adsorption and electrochemical properties. <i>Applied Surface Science</i> , <b>2014</b> , 314, 815-821	6.7	37
74	Porous cellulose spheres: Preparation, modification and adsorption properties. <i>Chemosphere</i> , <b>2016</b> , 165, 399-408	8.4	36
73	Characterizations of glycerol plasticized-starch (GPS)/carbon black (CB) membranes prepared by melt extrusion and microwave radiation. <i>Carbohydrate Polymers</i> , <b>2008</b> , 74, 895-900	10.3	35
72	Rectorite- $\text{TiO}_2/\text{Fe}_3\text{O}_4$ composites: Assembly, characterization, adsorption and photodegradation. <i>Chemical Engineering Journal</i> , <b>2014</b> , 255, 49-54	14.7	34
71	Preparation, characterization, and in vitro and in vivo evaluation of cellulose/soy protein isolate composite sponges. <i>Journal of Biomaterials Applications</i> , <b>2010</b> , 24, 503-26	2.9	33
70	Structure and Properties of Blend Films Prepared from Castor Oil-Based Polyurethane/Soy Protein Derivative. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 9330-9336	3.9	31
69	Structure and properties of poly(butylene succinate) filled with lignin: A case of lignosulfonate. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 1717-1724	2.9	30
68	Amylose-halloysite- $\text{TiO}_2$ composites: Preparation, characterization and photodegradation. <i>Applied Surface Science</i> , <b>2015</b> , 329, 256-261	6.7	29
67	Chitosan colloidal suspension composed of mechanically disassembled nanofibers. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 354, 637-43	9.3	28

66	Physical properties and biocompatibility of cellulose/soy protein isolate membranes coagulated from acetic aqueous solution. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2008</b> , 19, 479-96	3.5	28
65	N,N-Bis(2-hydroxyethyl)formamide as a New Plasticizer for Thermoplastic Starch. <i>Starch/Staerke</i> , <b>2008</b> , 60, 676-684	2.3	28
64	Nanocomposites based on plasticized starch and rectorite clay: structure and properties. <i>Carbohydrate Polymers</i> , <b>2012</b> , 89, 687-93	10.3	27
63	Porous cellulose facilitated by ionic liquid [BMIM]Cl: fabrication, characterization, and modification. <i>Cellulose</i> , <b>2015</b> , 22, 709-715	5.5	26
62	Thermoforming starch-graft-polycaprolactone biocomposites via one-pot microwave assisted ring opening polymerization. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 113, 2973-2979	2.9	26
61	Immobilization of urease onto cellulose spheres for the selective removal of urea. <i>Cellulose</i> , <b>2018</b> , 25, 233-243	5.5	25
60	Monolithic porous rectorite/starch composites: fabrication, modification and adsorption. <i>Applied Surface Science</i> , <b>2015</b> , 349, 251-258	6.7	25
59	Fabrication and reduction-sensitive behavior of polyion complex nano-micelles based on PEG-conjugated polymer containing disulfide bonds as a potential carrier of anti-tumor paclitaxel. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 110, 59-65	6	24
58	Fabrication and Characterization of Sb <sub>2</sub> O <sub>3</sub> /Carboxymethyl Cellulose Sodium and the Properties of Plasticized Starch Composite Films. <i>Macromolecular Materials and Engineering</i> , <b>2009</b> , 294, 762-767	3.9	24
57	Preparation and properties of starch-based film using N,N-bis(2-hydroxyethyl)formamide as a new plasticizer. <i>Carbohydrate Polymers</i> , <b>2010</b> , 79, 306-311	10.3	23
56	Self-assembled liquid crystal film from mechanically defibrillated chitosan nanofibers. <i>Carbohydrate Polymers</i> , <b>2011</b> , 84, 686-689	10.3	22
55	Effect of aeration timing and interval during very-high-gravity ethanol fermentation. <i>Process Biochemistry</i> , <b>2011</b> , 46, 1025-1028	4.8	22
54	Preparation of fungus-derived chitin nanocrystals and their dispersion stability evaluation in aqueous media. <i>Carbohydrate Polymers</i> , <b>2017</b> , 173, 610-618	10.3	21
53	N-(2-Hydroxypropyl)formamide and N-(2-hydroxyethyl)-N-methylformamide as two new plasticizers for thermoplastic starch. <i>Carbohydrate Polymers</i> , <b>2010</b> , 80, 139-144	10.3	21
52	Structure and Properties of Soy Protein Plastics with ε-Caprolactone/Glycerol as Binary Plasticizers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 9389-9395	3.9	21
51	Carbon nanotubeβcyclodextrin adducts for electrochemical recognition of tartaric acid. <i>Diamond and Related Materials</i> , <b>2015</b> , 55, 117-122	3.5	20
50	Improvement in physical properties and cytocompatibility of zein by incorporation of pea protein isolate. <i>Journal of Materials Science</i> , <b>2010</b> , 45, 6775-6785	4.3	20
49	Oxidized pea starch/chitosan composite films: Structural characterization and properties. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 118, 3082-3088	2.9	20

48	Characterization of new starches separated from several traditional Chinese medicines. <i>Carbohydrate Polymers</i> , <b>2010</b> , 82, 148-152	10.3	20
47	Core-Shell Nanoblends from Soy Protein/Polystyrene by Emulsion Polymerization. <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 714-721	3.9	20
46	Synthesis of rectorite/Fe <sub>3</sub> O <sub>4</sub> -CTAB composite for the removal of nitrate and phosphate from water. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 41, 165-174	6.3	19
45	Facile Preparation of Soy Protein/Poly(vinyl alcohol) Blend Fibers with High Mechanical Performance by Wet-Spinning. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 6177-6181	3.9	19
44	Fabrication and characterization of zirconium hydroxide-carboxymethyl cellulose sodium/plasticized Trichosanthes Kirilowii starch nanocomposites. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 1699-1704	10.3	19
43	Porous 3D network rectorite/chitosan gels: Preparation and adsorption properties. <i>Applied Clay Science</i> , <b>2015</b> , 107, 21-27	5.2	18
42	N-(2-Hydroxyethyl)formamide as a new plasticizer for thermoplastic starch. <i>Journal of Polymer Research</i> , <b>2009</b> , 16, 529-535	2.7	18
41	In vitro bile acid binding and short-chain fatty acid profile of flax fiber and ethanol co-products. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 1065-73	2.8	17
40	Starch-based nanocomposites reinforced with layered zirconium phosphonate. <i>Polymer Composites</i> , <b>2010</b> , 31, 1938-1946	3	17
39	The fabrication and the properties of pretreated corn starch laurate. <i>Carbohydrate Polymers</i> , <b>2010</b> , 80, 360-365	10.3	16
38	Formamide and 2-hydroxy-N-[2-(2-hydroxy-propionylamino)-ethyl] propionamide (HPEP) as a mixed plasticizer for thermoplastic starch. <i>Carbohydrate Polymers</i> , <b>2009</b> , 78, 296-301	10.3	15
37	Aliphatic Amidediol and Glycerol as a Mixed Plasticizer for the Preparation of Thermoplastic Starch. <i>Starch/Staerke</i> , <b>2008</b> , 60, 617-623	2.3	15
36	The modification of carbon materials with carbon disulfide for the removal of Pb <sup>2+</sup> . <i>Powder Technology</i> , <b>2016</b> , 301, 1-9	5.2	14
35	Effects of layered silicate structure on the mechanical properties and structures of protein-based bionanocomposites. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 113, 1247-1256	2.9	14
34	Shape memory histocompatible and biodegradable sponges for subcutaneous defect filling and repair: greatly reducing surgical incision. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 5848-5860	7.3	13
33	Effect of surface acetylated-chitin nanocrystals on structure and mechanical properties of poly(lactic acid). <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	13
32	The modification of rectorite with carbon layers and trisodium trimetaphosphate for the removal of Pb <sup>2+</sup> . <i>Applied Clay Science</i> , <b>2017</b> , 146, 115-121	5.2	13
31	Preparation and Characterization of Plasticized Starch/Carbon Black-Oxide Nanocomposites. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 7941-7947	3.9	12



30	Preparation and Characterization of Rectorite Gels. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 5066-5071	3.9	12
29	Electrically Conductive Carbon Black (CB)/Glycerol Plasticized-Starch (GPS) Composites Prepared by Microwave Radiation. <i>Starch/Staerke</i> , <b>2008</b> , 60, 373-375	2.3	12
28	Fabrication and evaluation of physical properties and cytotoxicity of zein-based polyurethanes. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2014</b> , 25, 823-33	4.5	11
27	Recent advances in bio-sourced polymeric carbohydrate/nanotube composites. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	11
26	Soy protein-based nanocomposites reinforced by supramolecular nanoplatelets assembled from pluronic polymers/ $\beta$ -cyclodextrin pseudopolyrotaxanes. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 107, 409-417	2.9	10
25	Relationship of thermoplastic starch crystallinity to plasticizer structure. <i>Starch/Staerke</i> , <b>2010</b> , 62, 86-89	2.3	9
24	Porous graphene gels: Preparation and its electrochemical properties. <i>Materials Chemistry and Physics</i> , <b>2014</b> , 146, 446-451	4.4	8
23	Preparation and properties of thermoplastic pea starch using N,N-bis(2-hydroxyethyl)formamide as the plasticizer. <i>Polymer Engineering and Science</i> , <b>2010</b> , 50, 970-977	2.3	8
22	Effects of starch nanocrystal-graft-polycaprolactone on mechanical properties of waterborne polyurethane-based nanocomposites. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 111, NA-NA	2.9	8
21	Simultaneous Determination of Resibufogenin and Its Major Metabolite 3-epi-Resibufogenin in Rat Plasma by HPLC Coupled with Tandem Mass Spectrometry. <i>Chromatographia</i> , <b>2012</b> , 75, 103-109	2.1	7
20	Effects of Incorporating Polycaprolactone and Flax Fiber into Glycerol-Plasticized Pea Starch. <i>Journal of Polymers and the Environment</i> , <b>2011</b> , 19, 841-848	4.5	7
19	Improvement in hemocompatibility of chitosan/soy protein composite membranes by heparinization. <i>Bio-Medical Materials and Engineering</i> , <b>2012</b> , 22, 143-50	1	7
18	Soy protein-modified waterborne polyurethane biocomposites with improved functionality. <i>RSC Advances</i> , <b>2016</b> , 6, 12837-12849	3.7	5
17	Preparation of Sb <sub>2</sub> O <sub>3</sub> -Carboxymethyl Cellulose Sodium Nanoparticles and Their Reinforcing Action on Plasticized Starch. <i>Starch/Staerke</i> , <b>2009</b> , 61, 665-668	2.3	5
16	Strategies to Explore Biomedical Application of Nanocellulose <b>2019</b> , 349-395		4
15	Konjac Glucomannan-Assisted Synthesis of FeNi nanoparticles and Their Magnetic Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2012</b> , 42, 1036-1039		4
14	Self-Assembled Polymeric Nanomicelles as Delivery Carriers for Antitumor Drug Camptothecin. <i>Journal of Dispersion Science and Technology</i> , <b>2012</b> , 33, 293-306	1.5	4
13	Fully Green Cellulose Nanocomposites <b>2017</b> , 301-334		2



12	Supramolecular Hydrogels Based on Cyclodextrin Poly(Pseudo)Rotaxane for New and Emerging Biomedical Applications <b>2014</b> , 405-438		2
11	Polysaccharide Nanocrystals: Current Status and Prospects in Material Science <b>2014</b> , 1-14		2
10	Development of t(50) and its application to evaluate very-high-gravity ethanol fermentation. <i>Journal of Bioscience and Bioengineering</i> , <b>2011</b> , 112, 388-94	3.3	2
9	Effects of Pea Protein Nanophase on Structure and Properties of Waterborne Polyurethane-Based Composites. <i>Journal of Biobased Materials and Bioenergy</i> , <b>2012</b> , 6, 108-114	1.4	2
8	Polysaccharide Nanocrystals-Based Materials for Advanced Applications <b>2014</b> , 219-254		1
7	Structure and Properties of Polysaccharide Nanocrystals <b>2014</b> , 15-62		1
6	Characterization of Polysaccharide Nanocrystal-Based Materials <b>2014</b> , 255-300		1
5	Structure and Properties of Cellulose Nanocrystals <b>2019</b> , 21-52		0
4	Surface Modification of Cellulose Nanocrystals for Nanocomposites <b>2015</b> , 258-290		0
3	Preparation of Polysaccharide Nanocrystal-Based Nanocomposites <b>2014</b> , 109-164		
2	Polysaccharide Nanocrystal-Reinforced Nanocomposites <b>2014</b> , 165-218		
1	Surface Modification of Polysaccharide Nanocrystals <b>2014</b> , 63-108		