

# Long Yu

## List of Publications by Year in descending order

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147  
papers

10,939  
citations

29994

54  
h-index

33814

99  
g-index

173  
all docs

173  
docs citations

173  
times ranked

9176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer blends and composites from renewable resources. <i>Progress in Polymer Science</i> , 2006, 31, 576-602.	11.8	1,666
2	Thermal processing of starch-based polymers. <i>Progress in Polymer Science</i> , 2009, 34, 1348-1368.	11.8	639
3	An overview of degradable and biodegradable polyolefins. <i>Progress in Polymer Science</i> , 2011, 36, 1015-1049.	11.8	404
4	Preparation and characterization of slow-release fertilizer encapsulated by starch-based superabsorbent polymer. <i>Carbohydrate Polymers</i> , 2016, 147, 146-154.	5.1	301
5	Gelatinization of cornstarch with different amylose/amylopectin content. <i>Carbohydrate Polymers</i> , 2006, 65, 357-363.	5.1	260
6	Thermal degradation and stability of starch under different processing conditions. <i>Starch/Staerke</i> , 2013, 65, 48-60.	1.1	240
7	Starch-based biodegradable materials: Challenges and opportunities. <i>Advanced Industrial and Engineering Polymer Research</i> , 2020, 3, 8-18.	2.7	240
8	Rheological properties of starches with different amylose/amylopectin ratios. <i>Journal of Cereal Science</i> , 2009, 49, 371-377.	1.8	211
9	Preparation and characterization of melt-extruded thermoplastic starch/clay nanocomposites. <i>Composites Science and Technology</i> , 2007, 67, 413-421.	3.8	200
10	Extrusion processing and characterization of edible starch films with different amylose contents. <i>Journal of Food Engineering</i> , 2011, 106, 95-101.	2.7	182
11	Development of self-reinforced polymer composites. <i>Progress in Polymer Science</i> , 2012, 37, 767-780.	11.8	178
12	Crystalline structure and thermal property characterization of chitin from Antarctic krill ( <i>Euphausia superba</i> ). <i>Carbohydrate Polymers</i> , 2013, 92, 90-97.	5.1	169
13	One-step method to prepare starch-based superabsorbent polymer for slow release of fertilizer. <i>Chemical Engineering Journal</i> , 2017, 309, 607-616.	6.6	158
14	Effect of Matrix-Particle Interfacial Adhesion on the Mechanical Properties of Poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 To	2.4	156
15	Effects of amylose/amylopectin ratio on starch-based superabsorbent polymers. <i>Carbohydrate Polymers</i> , 2012, 87, 1583-1588.	5.1	153
16	Starch-based antimicrobial films functionalized by pomegranate peel. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 1120-1126.	3.6	147
17	Kinetics and mechanism of thermal decomposition of cornstarches with different amylose/amylopectin ratios. <i>Starch/Staerke</i> , 2010, 62, 139-146.	1.1	146
18	Key interactions in biodegradable thermoplastic starch/poly(vinyl alcohol)/montmorillonite micro- and nanocomposites. <i>Composites Science and Technology</i> , 2008, 68, 1453-1462.	3.8	137

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19	Glass transition temperature of starch studied by a high-speed DSC. <i>Carbohydrate Polymers</i> , 2009, 77, 250-253.	5.1	136
20	Microstructure and mechanical properties of orientated thermoplastic starches. <i>Journal of Materials Science</i> , 2005, 40, 111-116.	1.7	117
21	Development and preparation of active starch films carrying tea polyphenol. <i>Carbohydrate Polymers</i> , 2018, 196, 162-167.	5.1	116
22	Effect of annealing and orientation on microstructures and mechanical properties of polylactic acid. <i>Polymer Engineering and Science</i> , 2008, 48, 634-641.	1.5	115
23	Starch Modification Using Reactive Extrusion. <i>Starch/Staerke</i> , 2006, 58, 131-139.	1.1	112
24	Biodegradation and thermal decomposition of poly(lactic acid)-based materials reinforced by hydrophilic fillers. <i>Polymer Degradation and Stability</i> , 2010, 95, 1704-1707.	2.7	111
25	In situ thermal decomposition of starch with constant moisture in a sealed system. <i>Polymer Degradation and Stability</i> , 2008, 93, 260-262.	2.7	110
26	Preparation and characterization of starch-based composite films reinforced by polysaccharide-based crystals. <i>Composites Part B: Engineering</i> , 2018, 133, 122-128.	5.9	103
27	Internal structures and phase-transitions of starch granules during gelatinization. <i>Carbohydrate Polymers</i> , 2011, 83, 1975-1983.	5.1	100
28	Developing hydroxypropyl methylcellulose/hydroxypropyl starch blends for use as capsule materials. <i>Carbohydrate Polymers</i> , 2013, 98, 73-79.	5.1	96
29	An Oral Colon-Targeting Controlled Release System Based on Resistant Starch Acetate: Synthesis, Characterization, and Preparation of Film-Coating Pellets. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5738-5745.	2.4	89
30	Morphologies and microstructures of cornstarches with different amylose/amylopectin ratios studied by confocal laser scanning microscope. <i>Journal of Cereal Science</i> , 2009, 50, 241-247.	1.8	88
31	Glass transition temperature of starches with different amylose/amylopectin ratios. <i>Journal of Cereal Science</i> , 2010, 51, 388-391.	1.8	86
32	Multi-layer mucilage of <i>Plantago ovata</i> seeds: Rheological differences arise from variations in arabinoxylan side chains. <i>Carbohydrate Polymers</i> , 2017, 165, 132-141.	5.1	86
33	Cold crystallization and postmelting crystallization of PLA plasticized by compressed carbon dioxide. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 2630-2636.	2.4	85
34	Thermal Decomposition of Corn Starch with Different Amylose/Amylopectin Ratios in Open and Sealed Systems. <i>Cereal Chemistry</i> , 2009, 86, 383-385.	1.1	84
35	Phase composition and interface of starch/gelatin blends studied by synchrotron FTIR micro-spectroscopy. <i>Carbohydrate Polymers</i> , 2013, 95, 649-653.	5.1	84
36	Phase transition of starch granules observed by microscope under shearless and shear conditions. <i>Carbohydrate Polymers</i> , 2007, 68, 495-501.	5.1	83

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37	Developing gelatin-starch blends for use as capsule materials. <i>Carbohydrate Polymers</i> , 2013, 92, 455-461.	5.1	82
38	Structure elucidation of fucoidan composed of a novel tetrafucose repeating unit from sea cucumber <i>Thelenota ananas</i> . <i>Food Chemistry</i> , 2014, 146, 113-119.	4.2	82
39	Development and characterization of biodegradable antimicrobial packaging films based on polycaprolactone, starch and pomegranate rind hybrids. <i>Food Packaging and Shelf Life</i> , 2018, 18, 71-79.	3.3	82
40	Retrogradation of corn starch after thermal treatment at different temperatures. <i>Carbohydrate Polymers</i> , 2007, 69, 756-762.	5.1	77
41	Phase transitions of maize starches with different amylose contents in glycerol-water systems. <i>Carbohydrate Polymers</i> , 2011, 85, 180-187.	5.1	74
42	Dietary fucoidan of <i>Acaudina molpadioides</i> and its enzymatically degraded fragments could prevent intestinal mucositis induced by chemotherapy in mice. <i>Food and Function</i> , 2015, 6, 415-422.	2.1	73
43	Effects of annealing on gelatinization and microstructures of corn starches with different amylose/amylopectin ratios. <i>Carbohydrate Polymers</i> , 2009, 77, 662-669.	5.1	71
44	Structural study of fucoidan from sea cucumber <i>Acaudina molpadioides</i> : A fucoidan containing novel tetrafucose repeating unit. <i>Food Chemistry</i> , 2014, 142, 197-200.	4.2	70
45	The properties of antimicrobial films derived from poly(lactic acid)/starch/chitosan blended matrix. <i>Carbohydrate Polymers</i> , 2013, 98, 959-966.	5.1	69
46	Superhydrophobic Modification on Starch Film Using PDMS and Ball-Milled MMT Coating. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 10423-10430.	3.2	67
47	Rheological properties and phase transition of starch under shear stress. <i>Food Hydrocolloids</i> , 2008, 22, 973-978.	5.6	66
48	Effects of hydrophilic fillers on the thermal degradation of poly(lactic acid). <i>Thermochimica Acta</i> , 2010, 509, 147-151.	1.2	66
49	Primary structure and chain conformation of fucoidan extracted from sea cucumber <i>Holothuria tubulosa</i> . <i>Carbohydrate Polymers</i> , 2016, 136, 1091-1097.	5.1	66
50	Starch gelatinization under pressure studied by high pressure DSC. <i>Carbohydrate Polymers</i> , 2009, 75, 395-400.	5.1	64
51	How water acting as both blowing agent and plasticizer affect on starch-based foam. <i>Industrial Crops and Products</i> , 2019, 134, 43-49.	2.5	59
52	A new study of starch gelatinization under shear stress using dynamic mechanical analysis. <i>Carbohydrate Polymers</i> , 2008, 72, 229-234.	5.1	58
53	Enzymatic preparation and structural determination of oligosaccharides derived from sea cucumber ( <i>Acaudina molpadioides</i> ) fucoidan. <i>Food Chemistry</i> , 2013, 139, 702-709.	4.2	58
54	Structure and rheological characteristics of fucoidan from sea cucumber <i>Apostichopus japonicus</i> . <i>Food Chemistry</i> , 2015, 180, 71-76.	4.2	58

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55	Developing acrylated epoxidized soybean oil coating for improving moisture sensitivity and permeability of starch-based film. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 370-375.	3.6	58
56	Morphology and Microstructure of Maize Starches with Different Amylose/Amylopectin Content. <i>Starch/Staerke</i> , 2006, 58, 611-615.	1.1	57
57	Effect of compatibilizer distribution on the blends of starch/biodegradable polyesters. <i>Journal of Applied Polymer Science</i> , 2007, 103, 812-818.	1.3	55
58	Preparation and characterization of starch-based composite films reinforced by corn and wheat hulls. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45159.	1.3	55
59	Melt Strength and Rheological Properties of Biodegradable Poly(Lactic Acid) Modified via Alkyl Radical-Based Reactive Extrusion Processes. <i>Journal of Polymers and the Environment</i> , 2012, 20, 741-747.	2.4	52
60	Shear degradation of corn starches with different amylose contents. <i>Food Hydrocolloids</i> , 2017, 66, 199-205.	5.6	50
61	Accelerating the degradation of polyolefins through additives and blending. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	46
62	Effect of pressure with shear stress on gelatinization of starches with different amylose/amylopectin ratios. <i>Food Hydrocolloids</i> , 2017, 72, 331-337.	5.6	46
63	Design, Preparation and Characterization of Self-Reinforced Starch Films through Chemical Modification. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 1025-1030.	1.7	45
64	Insights into the hierarchical structure and digestion rate of alkali-modulated starches with different amylose contents. <i>Carbohydrate Polymers</i> , 2016, 144, 271-281.	5.1	45
65	Gelatinized starch/biodegradable polyester blends: Processing, morphology, and properties. <i>Journal of Applied Polymer Science</i> , 2007, 103, 802-811.	1.3	44
66	Study of different effects on foaming process of biodegradable PLA/starch composites in supercritical/compressed carbon dioxide. <i>Journal of Applied Polymer Science</i> , 2008, 109, 2679-2686.	1.3	43
67	Rheological properties and phase transition of cornstarches with different amylose/amylopectin ratios under shear stress. <i>Starch/Staerke</i> , 2010, 62, 667-675.	1.1	42
68	Thermal behaviour of poly(lactic acid) in contact with compressed carbon dioxide. <i>Polymer International</i> , 2009, 58, 368-372.	1.6	40
69	Effect of annealing and pressure on microstructure of cornstarches with different amylose/amylopectin ratios. <i>Carbohydrate Research</i> , 2009, 344, 350-354.	1.1	39
70	Improvement of Interfacial Interaction between Hydrophilic Starch Film and Hydrophobic Biodegradable Coating. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9506-9514.	3.2	39
71	An improved approach for evaluating the semicrystalline lamellae of starch granules by synchrotron SAXS. <i>Carbohydrate Polymers</i> , 2017, 158, 29-36.	5.1	36
72	Preparation and characterization of edible starch film reinforced by laver. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 944-951.	3.6	36

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73	Natural Biopolymer Alloys with Superior Mechanical Properties. ACS Sustainable Chemistry and Engineering, 2019, 7, 2792-2802.	3.2	36
74	Thermal-oxidative degradation of high-amylose corn starch. Journal of Thermal Analysis and Calorimetry, 2014, 115, 659-665.	2.0	35
75	Rheological and structural properties of complex arabinoxylans from Plantago ovata seed mucilage under non-gelled conditions. Carbohydrate Polymers, 2018, 193, 179-188.	5.1	35
76	Preparation and characterization of starch-based composite films reinforced by apricot and walnut shells. Journal of Applied Polymer Science, 2019, 136, 47978.	1.3	35
77	Enhancing compatibilizer function by controlled distribution in hydrophobic polylactic acid/hydrophilic starch blends. Journal of Applied Polymer Science, 2011, 119, 2189-2195.	1.3	34
78	Synthesis and Characterization of Biodegradable Starch-Polyacrylamide Graft Copolymers Using Starches with Different Microstructures. Journal of Polymers and the Environment, 2013, 21, 359-365.	2.4	34
79	How rheological behaviors of concentrated starch affect graft copolymerization of acrylamide and resultant hydrogel. Carbohydrate Polymers, 2019, 219, 395-404.	5.1	34
80	Understanding the microstructure and absorption rate of starch-based superabsorbent polymers prepared under high starch concentration. Carbohydrate Polymers, 2017, 175, 141-148.	5.1	33
81	Foaming behaviour and cell structure of poly(lactic acid) after various modifications. Polymer International, 2013, 62, 759-765.	1.6	32
82	Rheological and gel properties of hydroxypropyl methylcellulose/hydroxypropyl starch blends. Colloid and Polymer Science, 2015, 293, 229-237.	1.0	32
83	Influence of crosslinker amount on the microstructure and properties of starch-based superabsorbent polymers by one-step preparation at high starch concentration. International Journal of Biological Macromolecules, 2019, 129, 679-685.	3.6	32
84	Thermomechanically processed chitosan:gelatin films being transparent, mechanically robust and less hygroscopic. Carbohydrate Polymers, 2021, 272, 118522.	5.1	29
85	Preparation and characterization of uniaxial poly(lactic acid)-based self-reinforced composites. Composites Science and Technology, 2015, 117, 392-397.	3.8	28
86	On the investigation of thermal/cooling-gel biphasic systems based on hydroxypropyl methylcellulose and hydroxypropyl starch. Industrial Crops and Products, 2018, 124, 418-428.	2.5	28
87	Morphology and phase composition of gelatin-starch blends. Chinese Journal of Polymer Science (English Edition), 2014, 32, 108-114.	2.0	27
88	Preparation, microstructure and performance of poly (lactic acid)-Poly (butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (succinat 107384.	5.9	26
89	Effect of starch microstructure on microwave-assisted esterification. International Journal of Biological Macromolecules, 2020, 164, 2550-2557.	3.6	26
90	Starch Gelatinization under Shearless and Shear Conditions. International Journal of Food Engineering, 2007, 2, .	0.7	25

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91	Extrusion Processing of Starch Film. <i>International Journal of Food Engineering</i> , 2009, 5, .	0.7	25
92	Morphology and properties of thermal/cooling-gel bi-phasic systems based on hydroxypropyl methylcellulose and hydroxypropyl starch. <i>Composites Part B: Engineering</i> , 2016, 101, 46-52.	5.9	25
93	Rheokinetics of graft copolymerization of acrylamide in concentrated starch and rheological behaviors and microstructures of reaction products. <i>Carbohydrate Polymers</i> , 2018, 192, 1-9.	5.1	25
94	Effect of plasticizers on microstructure, compatibility and mechanical property of hydroxypropyl methylcellulose/hydroxypropyl starch blends. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 141-148.	3.6	25
95	Rheological Properties of Starch-Based Materials and Starch/Poly(lactic acid) Blends. <i>Macromolecular Symposia</i> , 2007, 249-250, 529-534.	0.4	24
96	Poly(lactic acid)/starch composites: Effect of microstructure and morphology of starch granules on performance. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45504.	1.3	24
97	Effect of alkanol surface grafting on the hydrophobicity of starch-based films. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 761-766.	3.6	24
98	Multi-scale assembly of hydrogels formed by highly branched arabinoxylans from <i>Plantago ovata</i> seed mucilage studied by USANS/SANS and rheology. <i>Carbohydrate Polymers</i> , 2019, 207, 333-342.	5.1	24
99	Starch modification using a twin-roll mixer as a reactor. <i>Starch/Staerke</i> , 2012, 64, 821-825.	1.1	23
100	Anchor and bridge functions of APTES layer on interface between hydrophilic starch films and hydrophobic soyabean oil coating. <i>Carbohydrate Polymers</i> , 2021, 272, 118450.	5.1	23
101	Morphologies and Thermal Properties of Hydroxypropylated High Amylose Corn Starch. <i>Cereal Chemistry</i> , 2010, 87, 144-149.	1.1	21
102	Nanostabilization of thermally processed high amylose hydroxypropylated starch films. <i>Carbohydrate Polymers</i> , 2011, 86, 652-658.	5.1	21
103	Preparation and characterization of starch/enteromorpha/nano-clay hybrid composites. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 16-22.	3.6	21
104	Starch-Based Foams Nucleated and Reinforced by Polysaccharide-Based Crystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2169-2179.	3.2	21
105	Starch thermal transitions comparatively studied by DSC and MTDSC. <i>Starch/Staerke</i> , 2010, 62, 350-357.	1.1	20
106	Relationship between morphologies and mechanical properties of hydroxypropyl methylcellulose/hydroxypropyl starch blends. <i>Carbohydrate Polymers</i> , 2016, 153, 329-335.	5.1	20
107	Thermal Behaviour of High Amylose Cornstarch Studied by DSC. <i>International Journal of Food Engineering</i> , 2005, 1, .	0.7	19
108	Formation of highly oriented biodegradable polybutylene succinate adipate nanocomposites: Effects of cation structures on morphology, free volume, and properties. <i>Journal of Applied Polymer Science</i> , 2009, 113, 3716-3724.	1.3	19

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109	Retrogradation of waxy cornstarch studied by DSC. <i>Starch/Staerke</i> , 2010, 62, 524-529.	1.1	19
110	Effect of processing conditions on microstructures and properties of hydroxypropyl methylcellulose/hydroxypropyl starch blends. <i>Food Hydrocolloids</i> , 2017, 70, 251-259.	5.6	19
111	Chemical mapping analysis of compatibility in gelatin and hydroxypropyl methylcellulose blend films. <i>Food Hydrocolloids</i> , 2020, 104, 105734.	5.6	19
112	Effects of thermal treatment on the microstructure and thermal and mechanical properties of poly(lactic acid) fibers. <i>Polymer Engineering and Science</i> , 2013, 53, 976-981.	1.5	18
113	Morphology and phase transition of waxy cornstarch in solvents of 1-allyl-3-methylimidazolium chloride/water. <i>International Journal of Biological Macromolecules</i> , 2015, 78, 304-312.	3.6	17
114	pH controlled gelation behavior and morphology of gelatin/hydroxypropylmethylcellulose blend in aqueous solution. <i>Food Hydrocolloids</i> , 2020, 104, 105733.	5.6	17
115	De-glycosylation and enhanced bioactivity of flavonoids from apple pomace during extraction with deep eutectic solvents. <i>Green Chemistry</i> , 2021, 23, 7199-7209.	4.6	16
116	Plasticization Efficiency and Characteristics of Monosaccharides, Disaccharides, and Low-Molecular-Weight Polysaccharides for Starch-Based Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11960-11969.	3.2	16
117	Utilizing heterologously overexpressed endo-1,3-fucanase to investigate the structure of sulfated fucan from sea cucumber ( <i>Holothuria hilla</i> ). <i>Carbohydrate Polymers</i> , 2021, 272, 118480.	5.1	16
118	DEVELOPMENT OF CAPSULES FROM NATURAL PLAN POLYMERS. <i>Acta Polymerica Sinica</i> , 2012, 013, 1-10.	0.0	16
119	Auxin Treatment Enhances Anthocyanin Production in the Non-Climacteric Sweet Cherry ( <i>Prunus Tj ETQq1 1 0.784314 rgBT /Overload</i> )	1.8	16
120	New evidences of accelerating degradation of polyethylene by starch. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2282-2287.	1.3	15
121	Correlation Between Gel Strength of Starch-Based Hydrogel and Slow Release Behavior of Its Embedded Urea. <i>Journal of Polymers and the Environment</i> , 2020, 28, 863-870.	2.4	15
122	Synthesis and Drug Delivery Property of Calcium Phosphate Cement with Special Crystal Morphology. <i>Journal of the American Ceramic Society</i> , 2010, 93, 1241-1244.	1.9	12
123	Preparation of cassava starch-based superabsorbent polymer using a twin-roll mixer as reactor. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1348-1356.	2.0	12
124	Hydroxypropyl methylcellulose and hydroxypropyl starch: Rheological and gelation effects on the phase structure of their mixed hydrocolloid system. <i>Food Hydrocolloids</i> , 2021, 115, 106598.	5.6	11
125	Designing and developing biodegradable intelligent package used for monitoring spoilage seafood using aggregation-induced emission indicator. <i>LWT - Food Science and Technology</i> , 2021, 151, 112135.	2.5	11
126	Application of Atomic Force Microscopy on Studying Micro- and Nano-Structures of Starch. <i>International Journal of Food Engineering</i> , 2008, 4, .	0.7	10



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127	Thermal behaviors of polystyrene plasticized with compressed carbon dioxide in a sealed system. <i>Polymer Engineering and Science</i> , 2009, 49, 1800-1805.	1.5	10
128	Gelatinization and Retrogradation of Hydroxypropylated Cornstarch. <i>International Journal of Food Engineering</i> , 2010, 6, .	0.7	10
129	Enhancement of proâ€degradant performance in polyethylene/starch blends as a function of distribution. <i>Journal of Applied Polymer Science</i> , 2013, 128, 591-596.	1.3	10
130	A comparison study on phase transition and structure of cornstarch in dimethyl sulfoxide and ionic liquid systems. <i>Journal of Cereal Science</i> , 2016, 71, 53-60.	1.8	10
131	One-Step Extrusion to Minimize Thermal Decomposition for Processing PLA-Based Composites. <i>Journal of Polymers and the Environment</i> , 2019, 27, 158-164.	2.4	10
132	Designing and application of reactive extrusion with twice initiations for graft copolymerization of acrylamide on starch. <i>European Polymer Journal</i> , 2022, 165, 111008.	2.6	10
133	Influence of Moisture Content on Starch Esterification by Solventâ€Free Method. <i>Starch/Staerke</i> , 2021, 73, 2100009.	1.1	9
134	Viscoelastic behaviour of rapid and slow self-healing hydrogels formed by densely branched arabinoxylans from <i>Plantago ovata</i> seed mucilage. <i>Carbohydrate Polymers</i> , 2021, 269, 118318.	5.1	9
135	Developing Edible Starch Film Used for Packaging Seasonings in Instant Noodles. <i>Foods</i> , 2021, 10, 3105.	1.9	9
136	Flexible Poly(ether-block-amide)/Carbon Nanotube Composites for Electromagnetic Interference Shielding. <i>ACS Applied Nano Materials</i> , 2022, 5, 7598-7608.	2.4	9
137	Influence of Aqueous Phase Composition on Double Emulsion Stability and Colour Retention of Encapsulated Anthocyanins. <i>Foods</i> , 2022, 11, 34.	1.9	8
138	Biodegradable composites of poly(butylene succinateâ€i>co</i>â€butylene adipate) reinforced by poly(lactic acid) fibers. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	7
139	Elastomeric foam prepared by supercritical carbon dioxide. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	7
140	Enhancing water resistance of interface between starch films and acrylated epoxidized soybean oil coating. <i>Progress in Organic Coatings</i> , 2022, 163, 106646.	1.9	7
141	Morphology and Rheology of a Cool-Gel (Protein) Blended with a Thermo-Gel (Hydroxypropyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	7
142	Preparation of Cross-Linked High Amylose Corn-Starch and Its Effects on Self-Reinforced Starch Films. <i>International Journal of Food Engineering</i> , 2016, 12, 673-680.	0.7	6
143	Effect of annealing on morphologies and performances of hydroxypropyl methylcellulose/hydroxypropyl starch blends. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49535.	1.3	6
144	Alkali-washing facilitates thermal-processed lignin to slow the hydrolysis of pancreatic Î±-amylase in starchy foods. <i>Carbohydrate Polymers</i> , 2022, 290, 119502.	5.1	4

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145	Spectral-Spatial Graph-Based Semi-supervised Hyperspectral Image Classification. , 2018, , .		1
146	Preparation and Characterization of Instant Casein Phosphopeptide by Supercritical Fluid Assisted Atomization. Foods, 2021, 10, 1555.	1.9	0
147	Closely Packed Conductive Droplets with Polygon-Like Patterns Confined at the Interface in Ternary Polymer Blends. Langmuir, 2022, 38, 3189-3201.	1.6	0