

# Xiong Fu

## List of Publications by Year in descending order

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125  
papers

6,174  
citations

53794

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85541

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125  
docs citations

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times ranked

5055  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro colonic fermentation of dietary fibers: Fermentation rate, short-chain fatty acid production and changes in microbiota. <i>Trends in Food Science and Technology</i> , 2019, 88, 1-9.	15.1	285
2	Physicochemical, functional, and biological properties of water-soluble polysaccharides from <i>Rosa roxburghii</i> Tratt fruit. <i>Food Chemistry</i> , 2018, 249, 127-135.	8.2	261
3	Comparison of phytochemical profiles, antioxidant and cellular antioxidant activities of different varieties of blueberry ( <i>Vaccinium</i> spp.). <i>Food Chemistry</i> , 2017, 217, 773-781.	8.2	184
4	Optimization of microwave-assisted extraction of <i>Sargassum thunbergii</i> polysaccharides and its antioxidant and hypoglycemic activities. <i>Carbohydrate Polymers</i> , 2017, 173, 192-201.	10.2	155
5	Microwave-assisted extraction of polysaccharides from <i>Moringa oleifera</i> Lam. leaves: Characterization and hypoglycemic activity. <i>Industrial Crops and Products</i> , 2017, 100, 1-11.	5.2	154
6	Structural characterization and in vitro fermentation of a novel polysaccharide from <i>Sargassum thunbergii</i> and its impact on gut microbiota. <i>Carbohydrate Polymers</i> , 2018, 183, 230-239.	10.2	145
7	Effects of octenylsuccinylation on the structure and properties of high-amylose maize starch. <i>Carbohydrate Polymers</i> , 2011, 84, 1276-1281.	10.2	142
8	Characterization, antioxidant and immunomodulatory activities of polysaccharides from <i>Prunella vulgaris</i> Linn. <i>International Journal of Biological Macromolecules</i> , 2015, 75, 298-305.	7.5	142
9	Pickering emulsion gel stabilized by octenylsuccinate quinoa starch granule as lutein carrier: Role of the gel network. <i>Food Chemistry</i> , 2020, 305, 125476.	8.2	131
10	Comparative assessment of phytochemical profiles, antioxidant and antiproliferative activities of Sea buckthorn ( <i>Hippophaë rhamnoides</i> L.) berries. <i>Food Chemistry</i> , 2017, 221, 997-1003.	8.2	126
11	Comparison of aroma-active compounds in broiler broth and native chicken broth by aroma extract dilution analysis (AEDA), odor activity value (OAV) and omission experiment. <i>Food Chemistry</i> , 2018, 265, 274-280.	8.2	124
12	Polysaccharide from <i>Rosa roxburghii</i> Tratt Fruit Attenuates Hyperglycemia and Hyperlipidemia and Regulates Colon Microbiota in Diabetic <i>db/db</i> Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 147-159.	5.2	120
13	Fractionation, preliminary structural characterization and bioactivities of polysaccharides from <i>Sargassum pallidum</i> . <i>Carbohydrate Polymers</i> , 2017, 155, 261-270.	10.2	106
14	Phenolic contents and cellular antioxidant activity of Chinese hawthorn <i>Crataegus pinnatifida</i> . <i>Food Chemistry</i> , 2015, 186, 54-62.	8.2	104
15	Sulfated modification, characterization, antioxidant and hypoglycemic activities of polysaccharides from <i>Sargassum pallidum</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 121, 407-414.	7.5	104
16	Biofunctionalization of selenium nanoparticles with a polysaccharide from <i>Rosa roxburghii</i> fruit and their protective effect against H <sub>2</sub> O <sub>2</sub> -induced apoptosis in INS-1 cells. <i>Food and Function</i> , 2019, 10, 539-553.	4.6	94
17	Octenylsuccinate quinoa starch granule-stabilized Pickering emulsion gels: Preparation, microstructure and gelling mechanism. <i>Food Hydrocolloids</i> , 2019, 91, 40-47.	10.7	94
18	Physicochemical properties and bioactivity of whey protein isolate-inulin conjugates obtained by Maillard reaction. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 326-335.	7.5	94

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19	Physicochemical characterization and in vitro hypoglycemic activities of polysaccharides from <i>Sargassum pallidum</i> by microwave-assisted aqueous two-phase extraction. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 357-368.	7.5	92
20	Structural characterization of a novel acidic polysaccharide from <i>Rosa roxburghii</i> Tratt fruit and its $\alpha$ -glucosidase inhibitory activity. <i>Food and Function</i> , 2018, 9, 3974-3985.	4.6	87
21	Structural characterization and immune enhancement activity of a novel polysaccharide from <i>Moringa oleifera</i> leaves. <i>Carbohydrate Polymers</i> , 2020, 234, 115897.	10.2	87
22	Effects of adding corn oil and soy protein to corn starch on the physicochemical and digestive properties of the starch. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 481-486.	7.5	82
23	Immobilization of chitosan grafted carboxylic Zr-MOF to porous starch for sulfanilamide adsorption. <i>Carbohydrate Polymers</i> , 2021, 253, 117305.	10.2	80
24	In vitro fermentation of mulberry fruit polysaccharides by human fecal inocula and impact on microbiota. <i>Food and Function</i> , 2016, 7, 4637-4643.	4.6	78
25	Ultrasonic degradation effects on the physicochemical, rheological and antioxidant properties of polysaccharide from <i>Sargassum pallidum</i> . <i>Carbohydrate Polymers</i> , 2020, 239, 116230.	10.2	78
26	Encapsulation of Ethylene Gas into Granular Cold-Water-Soluble Starch: Structure and Release Kinetics. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2189-2197.	5.2	77
27	Metal-Organic Framework Based on $\alpha$ -Cyclodextrin Gives High Ethylene Gas Adsorption Capacity and Storage Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 34095-34104.	8.0	75
28	Comparison of phytochemical profiles and health benefits in fiber and oil flaxseeds ( <i>Linum</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5038-5044.	8.2	72
29	In vitro fecal fermentation of propionylated high-amylose maize starch and its impact on gut microbiota. <i>Carbohydrate Polymers</i> , 2019, 223, 115069.	10.2	72
30	Effect of germination on lignan biosynthesis, and antioxidant and antiproliferative activities in flaxseed ( <i>Linum usitatissimum</i> L.). <i>Food Chemistry</i> , 2016, 205, 170-177.	8.2	71
31	Starch granules as Pickering emulsifiers: Role of octenylsuccinylation and particle size. <i>Food Chemistry</i> , 2019, 283, 437-444.	8.2	67
32	Effects of limited moisture content and storing temperature on retrogradation of rice starch. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 1068-1075.	7.5	66
33	Granular size of potato starch affects structural properties, octenylsuccinic anhydride modification and flowability. <i>Food Chemistry</i> , 2016, 212, 453-459.	8.2	64
34	Current applications and new opportunities for the thermal and non-thermal processing technologies to generate berry product or extracts with high nutraceutical contents. <i>Food Research International</i> , 2017, 100, 19-30.	6.2	64
35	Physicochemical characterization, antioxidant and hypoglycemic activities of selenized polysaccharides from <i>Sargassum pallidum</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 132, 308-315.	7.5	61
36	Complexation of rice starch/flour and maize oil through heat moisture treatment: Structural, in vitro digestion and physicochemical properties. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 557-564.	7.5	59

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37	Ethnomedicinal values, phenolic contents and antioxidant properties of wild culinary vegetables. <i>Journal of Ethnopharmacology</i> , 2015, 162, 333-345.	4.1	53
38	Particle size affects structural and in vitro digestion properties of cooked rice flours. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 160-167.	7.5	53
39	Fabrication and characterization of starch/zein nanocomposites with pH-responsive emulsion behavior. <i>Food Hydrocolloids</i> , 2021, 112, 106341.	10.7	52
40	Cell Wall Integrity of Pulse Modulates the in Vitro Fecal Fermentation Rate and Microbiota Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1091-1100.	5.2	51
41	Preparation of starch nanoparticles in water in oil microemulsion system and their drug delivery properties. <i>Carbohydrate Polymers</i> , 2016, 138, 192-200.	10.2	50
42	Octenylsuccinate starch spherulites as a stabilizer for Pickering emulsions. <i>Food Chemistry</i> , 2017, 227, 298-304.	8.2	49
43	Preparation and Characterization of Microemulsions of Myricetin for Improving Its Antiproliferative and Antioxidative Activities and Oral Bioavailability. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6286-6294.	5.2	48
44	Variation in the rate and extent of starch digestion is not determined by the starch structural features of cooked whole pulses. <i>Food Hydrocolloids</i> , 2018, 83, 340-347.	10.7	47
45	Encapsulation of lutein into swelled cornstarch granules: Structure, stability and in vitro digestion. <i>Food Chemistry</i> , 2018, 268, 362-368.	8.2	47
46	Identification of polyphenols from <i>Rosa roxburghii</i> Tratt pomace and evaluation of in vitro and in vivo antioxidant activity. <i>Food Chemistry</i> , 2022, 377, 131922.	8.2	47
47	Digestive Property and Bioactivity of Blackberry Polysaccharides with Different Molecular Weights. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12428-12440.	5.2	46
48	Structure, physicochemical and in vitro digestion properties of ternary blends containing swollen maize starch, maize oil and zein protein. <i>Food Hydrocolloids</i> , 2018, 76, 88-95.	10.7	45
49	Physicochemical characterization, potential antioxidant and hypoglycemic activity of polysaccharide from <i>Sargassum pallidum</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 139, 1009-1017.	7.5	45
50	Changes of digestive and fermentation properties of <i>Sargassum pallidum</i> polysaccharide after ultrasonic degradation and its impacts on gut microbiota. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1443-1450.	7.5	44
51	Distribution of Octenylsuccinic Substituents in Modified A and B Polymorph Starch Granules. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12492-12498.	5.2	42
52	Chemical Cross-Linking Controls in Vitro Fecal Fermentation Rate of High-Amylose Maize Starches and Regulates Gut Microbiota Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13728-13736.	5.2	42
53	Phytochemical composition, cellular antioxidant capacity and antiproliferative activity in mango ( <i>Mangifera indica</i> L.) pulp and peel. <i>International Journal of Food Science and Technology</i> , 2017, 52, 817-826.	2.7	41
54	Comparative study on the effect of extraction solvent on the physicochemical properties and bioactivity of blackberry fruit polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1548-1559.	7.5	41

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55	Advantages of the polysaccharides from <i>Gracilaria lemaneiformis</i> over metformin in antidiabetic effects on streptozotocin-induced diabetic mice. <i>RSC Advances</i> , 2017, 7, 9141-9151.	3.6	40
56	The novel contributors of anti-diabetic potential in mulberry polyphenols revealed by UHPLC-HR-ESI-TOF-MS/MS. <i>Food Research International</i> , 2017, 100, 873-884.	6.2	39
57	Preparation of <i>Prunella vulgaris</i> polysaccharide-zinc complex and its antiproliferative activity in HepG2 cells. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 671-679.	7.5	38
58	Starch digestion in intact pulse cotyledon cells depends on the extent of thermal treatment. <i>Food Chemistry</i> , 2020, 315, 126268.	8.2	38
59	Major triterpenoids in Chinese hawthorn ( <i>Crataegus pinnatifida</i> ) and their effects on cell proliferation and apoptosis induction in MDA-MB-231 cancer cells. <i>Food and Chemical Toxicology</i> , 2017, 100, 149-160.	3.6	37
60	Controlled gelatinization of potato parenchyma cells under excess water condition: structural and <i>in vitro</i> digestion properties of starch. <i>Food and Function</i> , 2019, 10, 5312-5322.	4.6	37
61	Single helix in V-type starch carrier determines the encapsulation capacity of ethylene. <i>Carbohydrate Polymers</i> , 2017, 174, 798-803.	10.2	36
62	Screening $\alpha$ -glucosidase inhibitors from four edible brown seaweed extracts by ultra-filtration and molecular docking. <i>LWT - Food Science and Technology</i> , 2021, 138, 110654.	5.2	36
63	Phenolic content, antioxidant and antiproliferative activities of six varieties of white sesame seeds ( <i>Sesamum indicum</i> L.). <i>RSC Advances</i> , 2017, 7, 5751-5758.	3.6	35
64	Chemical property and impacts of different polysaccharide fractions from <i>Fructus Mori</i> . on lipolysis with digestion model <i>in vitro</i> . <i>Carbohydrate Polymers</i> , 2017, 178, 360-367.	10.2	34
65	Surface structural features control <i>in vitro</i> digestion kinetics of bean starches. <i>Food Hydrocolloids</i> , 2018, 85, 343-351.	10.7	34
66	Physicochemical properties and <i>in vitro</i> bioaccessibility of lutein loaded emulsions stabilized by corn fiber gums. <i>RSC Advances</i> , 2017, 7, 38243-38250.	3.6	32
67	Current advances in the anti-inflammatory effects and mechanisms of natural polysaccharides. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 5890-5910.	10.3	32
68	Side-by-side and exo-pitting degradation mechanism revealed from <i>in vitro</i> human fecal fermentation of granular starches. <i>Carbohydrate Polymers</i> , 2021, 263, 118003.	10.2	30
69	Complexation between High-Amylose Starch and Binary Aroma Compounds of Decanal and Thymol: Cooperativity or Competition?. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11665-11675.	5.2	29
70	<i>In vitro</i> digestion of the whole blackberry fruit: bioaccessibility, bioactive variation of active ingredients and impacts on human gut microbiota. <i>Food Chemistry</i> , 2022, 370, 131001.	8.2	29
71	Spheroidization on <i>Fructus Mori</i> polysaccharides to enhance bioavailability and bioactivity by anti-solvent precipitation method. <i>Food Chemistry</i> , 2019, 300, 125245.	8.2	28
72	Annealing improves the concentration and controlled release of encapsulated ethylene in V-type starch. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 947-954.	7.5	28

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73	In vitro fecal fermentation outcomes of starch-lipid complexes depend on starch assembles more than lipid type. <i>Food Hydrocolloids</i> , 2021, 120, 106941.	10.7	28
74	Solid encapsulation of lauric acid into V-type starch: Structural characteristics and emulsifying properties. <i>Carbohydrate Polymers</i> , 2021, 267, 118181.	10.2	27
75	Antioxidant, antitumor and immunomodulatory activities of water-soluble polysaccharides in <i>Abrus cantoniensis</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 89, 707-716.	7.5	26
76	The use of an enzymatic extraction procedure for the enhancement of highland barley ( <i>Hordeum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 TF Technology, 2016, 51, 1916-1924.	2.7	25
77	Type 1 resistant starch: Nutritional properties and industry applications. <i>Food Hydrocolloids</i> , 2022, 125, 107369.	10.7	25
78	Enhanced stability and controlled release of menthol using a $\beta$ -cyclodextrin metal-organic framework. <i>Food Chemistry</i> , 2022, 374, 131760.	8.2	25
79	Phytochemical content, cellular antioxidant activity and antiproliferative activity of <i>Adinandra nitida</i> tea (Shiyacha) infusion subjected to in vitro gastrointestinal digestion. <i>RSC Advances</i> , 2017, 7, 50430-50440.	3.6	24
80	Structural features and starch digestion properties of intact pulse cotyledon cells modified by heat-moisture treatment. <i>Journal of Functional Foods</i> , 2019, 61, 103500.	3.4	23
81	Immobilization of urease on dialdehyde porous starch. <i>Starch/Staerke</i> , 2010, 62, 652-657.	2.1	22
82	Reducing the Influence of the Thermally Induced Reactions on the Determination of Aroma-Active Compounds in Soy Sauce Using SDE and GC-MS/O. <i>Food Analytical Methods</i> , 2017, 10, 931-942.	2.6	22
83	Encapsulation and release characteristics of ethylene gas from V6- and V7-type crystalline starches. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 10-17.	7.5	22
84	Polyethylene-octene elastomer/starch blends: miscibility, morphology and mechanical properties. <i>Journal of Polymer Research</i> , 2007, 14, 297-304.	2.4	21
85	Effects of aging on the phytochemical profile and antioxidative activity of <i>Pericarpium Citri Reticulatae</i> "Chachiensis"™. <i>RSC Advances</i> , 2016, 6, 105272-105281.	3.6	21
86	Effects of tea polyphenols and gluten addition on in vitro wheat starch digestion properties. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 525-530.	7.5	21
87	Pea cell wall integrity controls the starch and protein digestion properties in the INFOGEST in vitro simulation. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1200-1207.	7.5	21
88	Effect of <i>Rosa Roxburghii</i> juice on starch digestibility: A focus on the binding of polyphenols to amylose and porcine pancreatic $\alpha$ -amylase by molecular modeling. <i>Food Hydrocolloids</i> , 2022, 123, 106966.	10.7	21
89	Starch Microspheres Entrapped with Chitosan Delay <i>In Vitro</i> Fecal Fermentation and Regulate Human Gut Microbiota Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12323-12332.	5.2	21
90	Starch-lauric acid complex-stabilised Pickering emulsion gels enhance the thermo-oxidative resistance of flaxseed oil. <i>Carbohydrate Polymers</i> , 2022, 292, 119715.	10.2	21

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91	CO <sub>2</sub> inclusion complexes of Granular V-type crystalline starch: Structure and release kinetics. <i>Food Chemistry</i> , 2019, 289, 145-151.	8.2	19
92	In vitro colonic fermentation profiles and microbial responses of propionylated high-amylose maize starch by individual Bacteroides-dominated enterotype inocula. <i>Food Research International</i> , 2021, 144, 110317.	6.2	19
93	Preparation and characterization of chitosan-based edible active films incorporated with <i>Sargassum pallidum</i> polysaccharides by ultrasound treatment. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 473-480.	7.5	19
94	Effect of chitosan oligosaccharide glycosylation on the emulsifying property of lactoferrin. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 93-106.	7.5	19
95	In vitro fermentation of human milk oligosaccharides by individual Bifidobacterium longum-dominant infant fecal inocula. <i>Carbohydrate Polymers</i> , 2022, 287, 119322.	10.2	18
96	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.	7.5	17
97	Comparative assessment of phytochemical profiles and antioxidant and antiproliferative activities of kiwifruit ( <i>Actinidia deliciosa</i> ) cultivars. <i>Journal of Food Biochemistry</i> , 2019, 43, e13025.	2.9	17
98	Structural and in vitro starch digestion properties of potato parenchyma cells: Effects of gelatinization degree. <i>Food Hydrocolloids</i> , 2021, 113, 106464.	10.7	17
99	Fabrication and characterization of Pickering high internal phase emulsions stabilized by debranched starch-capric acid complex nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 791-800.	7.5	17
100	Physicochemical properties and bioactivity of polysaccharides from <i>Sargassum pallidum</i> by fractional ethanol precipitation. <i>International Journal of Food Science and Technology</i> , 2021, 56, 3536-3545.	2.7	16
101	Structure characterization of soybean peptides and their protective activity against intestinal inflammation. <i>Food Chemistry</i> , 2022, 387, 132868.	8.2	16
102	Comparative suppression of NLRP3 inflammasome activation with LPS-induced inflammation by blueberry extracts ( <i>Vaccinium</i> spp.). <i>RSC Advances</i> , 2017, 7, 28931-28939.	3.6	15
103	Fabrication and Optimization of Self-Microemulsions to Improve the Oral Bioavailability of Total Flavones of <i>Hippophaë rhamnoides</i> L. <i>Journal of Food Science</i> , 2017, 82, 2901-2909.	3.1	15
104	Characterization, functional and biological properties of degraded polysaccharides from <i>Hylocereus undatus</i> flowers. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e13973.	2.0	15
105	Characteristics and ethylene encapsulation properties of V-type linear dextrin with different degrees of polymerisation. <i>Carbohydrate Polymers</i> , 2022, 277, 118814.	10.2	14
106	Encapsulation of caffeine into starch matrices: Bitterness evaluation and suppression mechanism. <i>International Journal of Biological Macromolecules</i> , 2021, 173, 118-127.	7.5	13
107	Stir-frying treatments affect the phenolics profiles and cellular antioxidant activity of <i>Adinandra nitida</i> tea (Shiyacha) in daily tea model. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1820-1827.	2.7	12
108	Cell wall permeability of pinto bean cotyledon cells regulate in vitro fecal fermentation and gut microbiota. <i>Food and Function</i> , 2021, 12, 6070-6082.	4.6	10

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109	Ultra-high Pressure Treatment Controls <i>In Vitro</i> Fecal Fermentation Rate of Insoluble Dietary Fiber from <i>Rosa Roxburghii</i> Tratt Pomace and Induces Butyrogenic Shifts in Microbiota Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10638-10647.	5.2	10
110	A polysaccharide from <i>Sargassum pallidum</i> reduces obesity in high-fat diet-induced obese mice by modulating glycolipid metabolism. <i>Food and Function</i> , 2022, 13, 7181-7191.	4.6	10
111	The structure, conformation, and hypoglycemic activity of a novel heteropolysaccharide from the blackberry fruit. <i>Food and Function</i> , 2021, 12, 5451-5464.	4.6	9
112	Preparation and characterization of <i>Sargassum pallidum</i> polysaccharide nanoparticles with enhanced antioxidant activity and adsorption capacity. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 196-207.	7.5	9
113	Starch retrogradation in potato cells: Structure and in vitro digestion paradigm. <i>Carbohydrate Polymers</i> , 2022, 286, 119261.	10.2	9
114	Effect of potassium salts on the structure of $\beta$ -cyclodextrin MOF and the encapsulation properties with thymol. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 6387-6396.	3.5	9
115	The effect of geographic variation on chemical composition, antioxidant and hypoglycemic activities of <i>Morus alba</i> L. polysaccharides. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14206.	2.0	8
116	Effect of Octenylsuccinylation of Oxidized Cassava Starch on Grease Resistance and Waterproofing of Food Wrapping Paper. <i>Starch/Staerke</i> , 2019, 71, 1800284.	2.1	8
117	Analysis of solvent effects on polyphenols profile, antiproliferative and antioxidant activities of mulberry ( <i>Morus alba</i> L.) extracts. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1690-1698.	2.7	7
118	<i>In vitro</i> fecal fermentation profiles and microbiota responses of pulse cell wall polysaccharides: enterotype effect. <i>Food and Function</i> , 2021, 12, 8376-8385.	4.6	7
119	<i>In vitro</i> faecal fermentation outcomes and microbiota shifts of resistant starch spherulites. <i>International Journal of Food Science and Technology</i> , 2022, 57, 2782-2792.	2.7	7
120	Association behaviors between carboxymethyl cellulose and polylactic acid revealed by resonance light scattering spectra. <i>Polymer Bulletin</i> , 2009, 62, 549-559.	3.3	6
121	In vitro digestibility and prebiotic activities of a bioactive polysaccharide from <i>Moringa oleifera</i> leaves. <i>Journal of Food Biochemistry</i> , 2021, 45, e13944.	2.9	6
122	Encapsulation and controlled release characteristics of ethylene gas in cucurbit[ <i>n</i> ]urils. <i>Polymer Chemistry</i> , 2019, 10, 6021-6030.	3.9	4
123	A dynamic view on the chemical composition and bioactive properties of mulberry fruit using an <i>in vitro</i> digestion and fermentation model. <i>Food and Function</i> , 2022, 13, 4142-4157.	4.6	4
124	A study on the $\text{Fe}_3\text{O}_4$ @ <i>Fructus mori</i> L. polysaccharide particles with enhanced antioxidant activity and bioavailability. <i>Food and Function</i> , 2020, 11, 2268-2278.	4.6	3
125	Characterization of a novel starch-based foam with a tunable release of oxygen. <i>Food Chemistry</i> , 2022, 389, 133062.	8.2	2