

Qiang Huang

List of Publications by Year in descending order

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papers

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times ranked

4826
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#	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.	7.8	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.	4.2	261
3	Structural characterizations and digestibility of debranched high-amylose maize starch complexed with lauric acid. <i>Food Hydrocolloids</i> , 2012, 28, 174-181.	5.6	180
4	In vitro digestion and physicochemical properties of wheat starch/flour modified by heat-moisture treatment. <i>Journal of Cereal Science</i> , 2015, 63, 109-115.	1.8	161
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.	2.5	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.	5.1	145
7	Effects of octenylsuccinylation on the structure and properties of high-amylose maize starch. <i>Carbohydrate Polymers</i> , 2011, 84, 1276-1281.	5.1	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.	3.6	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.	4.2	131
10	Ultrasound Effects on the Structure and Chemical Reactivity of Cornstarch Granules. <i>Starch/Staerke</i> , 2007, 59, 371-378.	1.1	129
11	Polysaccharide from <i>Rosa roxburghii</i> Tratt Fruit Attenuates Hyperglycemia and Hyperlipidemia and Regulates Colon Microbiota in Diabetic Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 147-159.	2.4	120
12	Modulation of gut microbiota by mulberry fruit polysaccharide treatment of obese diabetic mice. <i>Food and Function</i> , 2018, 9, 3732-3742.	2.1	116
13	Preparation and characterisation of crosslinked waxy potato starch. <i>Food Chemistry</i> , 2009, 115, 563-568.	4.2	111
14	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.	3.6	104
15	Biofunctionalization of selenium nanoparticles with a polysaccharide from <i>Rosa roxburghii</i> fruit and their protective effect against H ₂ O ₂ -induced apoptosis in INS-1 cells. <i>Food and Function</i> , 2019, 10, 539-553.	2.1	94
16	Octenylsuccinate quinoa starch granule-stabilized Pickering emulsion gels: Preparation, microstructure and gelling mechanism. <i>Food Hydrocolloids</i> , 2019, 91, 40-47.	5.6	94
17	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.	3.6	94
18	The inhibitory effects of flavonoids on α-amylase and α-glucosidase. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 695-708.	5.4	93

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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.	3.6	92
20	The physicochemical properties of swelled maize starch granules complexed with lauric acid. <i>Food Hydrocolloids</i> , 2013, 32, 365-372.	5.6	90
21	Structural characterization of a novel acidic polysaccharide from <i>Rosa roxburghii</i> Tratt fruit and its α -glucosidase inhibitory activity. <i>Food and Function</i> , 2018, 9, 3974-3985.	2.1	87
22	Structural characterization and immune enhancement activity of a novel polysaccharide from <i>Moringa oleifera</i> leaves. <i>Carbohydrate Polymers</i> , 2020, 234, 115897.	5.1	87
23	Effects of maltose on stability and rheological properties of orange oil-in-water emulsion formed by OSA modified starch. <i>Food Hydrocolloids</i> , 2013, 32, 79-86.	5.6	85
24	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.	3.6	82
25	Immobilization of chitosan grafted carboxylic Zr-MOF to porous starch for sulfanilamide adsorption. <i>Carbohydrate Polymers</i> , 2021, 253, 117305.	5.1	80
26	Preparation and characterization of pectin/chitosan beads containing porous starch embedded with doxorubicin hydrochloride: A novel and simple colon targeted drug delivery system. <i>Food Hydrocolloids</i> , 2019, 95, 562-570.	5.6	79
27	In vitro fermentation of mulberry fruit polysaccharides by human fecal inocula and impact on microbiota. <i>Food and Function</i> , 2016, 7, 4637-4643.	2.1	78
28	Ultrasonic degradation effects on the physicochemical, rheological and antioxidant properties of polysaccharide from <i>Sargassum pallidum</i> . <i>Carbohydrate Polymers</i> , 2020, 239, 116230.	5.1	78
29	Ultrasonic effect on the octenyl succinate starch synthesis and substitution patterns in starch granules. <i>Food Hydrocolloids</i> , 2014, 35, 636-643.	5.6	77
30	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.	2.4	77
31	Effect of lauric acid on the V-amylose complex distribution and properties of swelled normal cornstarch granules. <i>Journal of Cereal Science</i> , 2013, 58, 89-95.	1.8	76
32	Metal-Organic Framework Based on α -Cyclodextrin Gives High Ethylene Gas Adsorption Capacity and Storage Stability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34095-34104.	4.0	75
33	In vitro fecal fermentation of propionylated high-amylose maize starch and its impact on gut microbiota. <i>Carbohydrate Polymers</i> , 2019, 223, 115069.	5.1	72
34	Encapsulation of menthol into cyclodextrin metal-organic frameworks: Preparation, structure characterization and evaluation of complexing capacity. <i>Food Chemistry</i> , 2021, 338, 127839.	4.2	70
35	The effect of enzymatic pretreatments on subsequent octenyl succinic anhydride modifications of cornstarch. <i>Food Hydrocolloids</i> , 2010, 24, 60-65.	5.6	67
36	Effects of palm oil on structural and in vitro digestion properties of cooked rice starches. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1080-1085.	3.6	67

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37	Comparative study on the physicochemical properties and bioactivities of polysaccharide fractions extracted from <i>Fructus Mori</i> at different temperatures. <i>Food and Function</i> , 2019, 10, 410-421.	2.1	67
38	Starch granules as Pickering emulsifiers: Role of octenylsuccinylation and particle size. <i>Food Chemistry</i> , 2019, 283, 437-444.	4.2	67
39	Effects of Heat Treatment and Moisture Contents on Interactions Between Lauric Acid and Starch Granules. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 7862-7868.	2.4	66
40	Effects of limited moisture content and storing temperature on retrogradation of rice starch. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 1068-1075.	3.6	66
41	Granular size of potato starch affects structural properties, octenylsuccinic anhydride modification and flowability. <i>Food Chemistry</i> , 2016, 212, 453-459.	4.2	64
42	In vitro digestibility and prebiotic potential of a novel polysaccharide from <i>Rosa roxburghii</i> Tratt fruit. <i>Journal of Functional Foods</i> , 2019, 52, 408-417.	1.6	64
43	A comparison study on polysaccharides extracted from <i>Fructus Mori</i> using different methods: structural characterization and glucose entrapment. <i>Food and Function</i> , 2019, 10, 3684-3695.	2.1	61
44	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.	3.6	61
45	Effects of hydrothermal pretreatment on subsequent octenylsuccinic anhydride (OSA) modification of cornstarch. <i>Carbohydrate Polymers</i> , 2014, 101, 493-498.	5.1	60
46	Anthocyanin-loaded double Pickering emulsion stabilized by octenylsuccinate quinoa starch: Preparation, stability and in vitro gastrointestinal digestion. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 1233-1241.	3.6	60
47	Ordered structure of starch inclusion complex with C10 aroma molecules. <i>Food Hydrocolloids</i> , 2020, 108, 105969.	5.6	60
48	Ultrasonic extraction and structural identification of polysaccharides from <i>Prunella vulgaris</i> and its antioxidant and antiproliferative activities. <i>European Food Research and Technology</i> , 2015, 240, 49-60.	1.6	59
49	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.	3.6	59
50	Modification of starch octenylsuccinate by β -amylase hydrolysis in order to increase its emulsification properties. <i>Food Hydrocolloids</i> , 2015, 48, 55-61.	5.6	54
51	High-speed shear effect on properties and octenylsuccinic anhydride modification of corn starch. <i>Food Hydrocolloids</i> , 2015, 44, 32-39.	5.6	54
52	The chemical structure and biological activities of a novel polysaccharide obtained from <i>Fructus Mori</i> and its zinc derivative. <i>Journal of Functional Foods</i> , 2019, 54, 64-73.	1.6	54
53	Particle size affects structural and in vitro digestion properties of cooked rice flours. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 160-167.	3.6	53
54	Fabrication and characterization of starch/zein nanocomposites with pH-responsive emulsion behavior. <i>Food Hydrocolloids</i> , 2021, 112, 106341.	5.6	52

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55	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.	2.4	51
56	Octenylsuccinate starch spherulites as a stabilizer for Pickering emulsions. <i>Food Chemistry</i> , 2017, 227, 298-304.	4.2	49
57	AmyM, a Novel Maltohexaose-Forming α -Amylase from <i>Corallococcus</i> sp. Strain EGB. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1977-1987.	1.4	48
58	Hypoglycemic effects of a Fructus Mori polysaccharide in vitro and in vivo. <i>Food and Function</i> , 2017, 8, 2523-2535.	2.1	47
59	Characterization of a novel polysaccharide from the leaves of <i>Moringa oleifera</i> and its immunostimulatory activity. <i>Journal of Functional Foods</i> , 2018, 49, 391-400.	1.6	47
60	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.	5.6	47
61	Encapsulation of lutein into swelled cornstarch granules: Structure, stability and in vitro digestion. <i>Food Chemistry</i> , 2018, 268, 362-368.	4.2	47
62	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.	4.2	47
63	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.	5.6	45
64	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.	3.6	45
65	Amyloid Fibril Templated MOF Aerogels for Water Purification. <i>Small</i> , 2022, 18, e2105502.	5.2	43
66	Distribution of Octenylsuccinic Substituents in Modified A and B Polymorph Starch Granules. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12492-12498.	2.4	42
67	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.	2.4	42
68	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.	3.6	41
69	Structural characterization and immunomodulatory activity of a new heteropolysaccharide from <i>Prunella vulgaris</i> . <i>Food and Function</i> , 2015, 6, 1557-1567.	2.1	39
70	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.	3.6	38
71	Structure and in vitro hypoglycemic activity of a homogenous polysaccharide purified from <i>Sargassum pallidum</i> . <i>Food and Function</i> , 2019, 10, 2828-2838.	2.1	38
72	Starch digestion in intact pulse cotyledon cells depends on the extent of thermal treatment. <i>Food Chemistry</i> , 2020, 315, 126268.	4.2	38

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73	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.	2.1	37
74	Single helix in V-type starch carrier determines the encapsulation capacity of ethylene. <i>Carbohydrate Polymers</i> , 2017, 174, 798-803.	5.1	36
75	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.	5.1	34
76	Surface structural features control <i>in vitro</i> digestion kinetics of bean starches. <i>Food Hydrocolloids</i> , 2018, 85, 343-351.	5.6	34
77	Spray-drying microencapsulation of β -carotene by soy protein isolate and/or OSA-modified starch. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	33
78	Effect of pH and ionic strength on the emulsifying properties of two Octenylsuccinate starches in comparison with gum Arabic. <i>Food Hydrocolloids</i> , 2018, 76, 96-102.	5.6	33
79	Structural and physicochemical properties of granular starches after treatment with debranching enzyme. <i>Carbohydrate Polymers</i> , 2017, 169, 351-356.	5.1	32
80	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.	1.7	32
81	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.	5.4	32
82	Physicochemical properties and application of micronized cornstarch in low fat cream. <i>Journal of Food Engineering</i> , 2013, 116, 881-888.	2.7	31
83	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.	5.1	30
84	Wheat gluten protein inhibits α -amylase activity more strongly than a soy protein isolate based on kinetic analysis. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 433-441.	3.6	29
85	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.	2.4	29
86	<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.	4.2	29
87	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.	3.6	28
88	<i>In-vitro</i> inhibitory effects of flavonoids in <i>Rosa roxburghii</i> and <i>R. sterilis</i> fruits on α -glucosidase: Effect of stomach digestion on flavonoids alone and in combination with acarbose. <i>Journal of Functional Foods</i> , 2019, 54, 13-21.	1.6	28
89	<i>In vitro</i> fecal fermentation outcomes of starch-lipid complexes depend on starch assembles more than lipid type. <i>Food Hydrocolloids</i> , 2021, 120, 106941.	5.6	28
90	Substituent distribution changes the pasting and emulsion properties of octenylsuccinate starch. <i>Carbohydrate Polymers</i> , 2016, 135, 64-71.	5.1	27

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91	Solid encapsulation of lauric acid into "empty" V-type starch: Structural characteristics and emulsifying properties. <i>Carbohydrate Polymers</i> , 2021, 267, 118181.	5.1	27
92	Type 1 resistant starch: Nutritional properties and industry applications. <i>Food Hydrocolloids</i> , 2022, 125, 107369.	5.6	25
93	Enhanced stability and controlled release of menthol using a β -cyclodextrin metal-organic framework. <i>Food Chemistry</i> , 2022, 374, 131760.	4.2	25
94	Preparation and characterization of modified starch granules with high hydrophobicity and flowability. <i>Food Chemistry</i> , 2014, 152, 177-183.	4.2	23
95	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.	1.6	23
96	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.	3.6	22
97	The mechanism of starch granule reacted with OSA by phase transition catalyst in aqueous medium. <i>Food Chemistry</i> , 2013, 141, 3381-3385.	4.2	21
98	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.	3.6	21
99	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.	3.6	21
100	Effect of <i>Rosa Roxburghii</i> juice on starch digestibility: A focus on the binding of polyphenols to amylose and porcine pancreatic α -amylase by molecular modeling. <i>Food Hydrocolloids</i> , 2022, 123, 106966.	5.6	21
101	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.	2.4	21
102	Starch-lauric acid complex-stabilised Pickering emulsion gels enhance the thermo-oxidative resistance of flaxseed oil. <i>Carbohydrate Polymers</i> , 2022, 292, 119715.	5.1	21
103	α -Glucosidase inhibitors: consistency of <i>in silico</i> docking data with <i>in vitro</i> inhibitory data and inhibitory effect prediction of quercetin derivatives. <i>Food and Function</i> , 2019, 10, 6312-6321.	2.1	20
104	Study on a novel spherical polysaccharide from <i>Fructus Mori</i> with good antioxidant activity. <i>Carbohydrate Polymers</i> , 2021, 256, 117516.	5.1	20
105	CO ₂ inclusion complexes of Granular V-type crystalline starch: Structure and release kinetics. <i>Food Chemistry</i> , 2019, 289, 145-151.	4.2	19
106	In vitro colonic fermentation profiles and microbial responses of propionylated high-amylose maize starch by individual <i>Bacteroides</i> -dominated enterotype inocula. <i>Food Research International</i> , 2021, 144, 110317.	2.9	19
107	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.	3.6	19
108	In vitro fermentation of human milk oligosaccharides by individual <i>Bifidobacterium longum</i> -dominant infant fecal inocula. <i>Carbohydrate Polymers</i> , 2022, 287, 119322.	5.1	18

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109	Structural and in vitro starch digestion properties of potato parenchyma cells: Effects of gelatinization degree. <i>Food Hydrocolloids</i> , 2021, 113, 106464.	5.6	17
110	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.	3.6	17
111	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.	0.9	15
112	Chemical cross-linking reduces in vitro starch digestibility of cooked potato parenchyma cells. <i>Food Hydrocolloids</i> , 2022, 124, 107297.	5.6	15
113	Characteristics and ethylene encapsulation properties of V-type linear dextrin with different degrees of polymerisation. <i>Carbohydrate Polymers</i> , 2022, 277, 118814.	5.1	14
114	Encapsulation of caffeine into starch matrices: Bitterness evaluation and suppression mechanism. <i>International Journal of Biological Macromolecules</i> , 2021, 173, 118-127.	3.6	13
115	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.	2.1	10
116	Investigation into the mechanisms of quercetin-3-O-glucuronide inhibiting α -glucosidase activity and non-enzymatic glycation by spectroscopy and molecular docking. <i>Food and Function</i> , 2021, 12, 7825-7835.	2.1	10
117	Ultra-high Pressure Treatment Controls In Vitro 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.	2.4	10
118	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.	2.1	10
119	Digestibility, bioactivity and prebiotic potential of phenolics released from whole gold kiwifruit and pomace by in vitro gastrointestinal digestion and colonic fermentation. <i>Food and Function</i> , 2020, 11, 9613-9623.	2.1	9
120	The structure, conformation, and hypoglycemic activity of a novel heteropolysaccharide from the blackberry fruit. <i>Food and Function</i> , 2021, 12, 5451-5464.	2.1	9
121	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.	3.6	9
122	Starch retrogradation in potato cells: Structure and in vitro digestion paradigm. <i>Carbohydrate Polymers</i> , 2022, 286, 119261.	5.1	9
123	Effect of potassium salts on the structure of β -cyclodextrin-MOF and the encapsulation properties with thymol. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 6387-6396.	1.7	9
124	Effect of Octenylsuccinylation of Oxidized Cassava Starch on Grease Resistance and Waterproofing of Food Wrapping Paper. <i>Starch/Staerke</i> , 2019, 71, 1800284.	1.1	8
125	In vitro fecal fermentation profiles and microbiota responses of pulse cell wall polysaccharides: enterotype effect. <i>Food and Function</i> , 2021, 12, 8376-8385.	2.1	7
126	In vitro faecal fermentation outcomes and microbiota shifts of resistant starch spherulites. <i>International Journal of Food Science and Technology</i> , 2022, 57, 2782-2792.	1.3	7

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127	Production of cocoa butter equivalent from blending of illip ^Å butter and palm mid-fraction. Food Chemistry, 2022, 384, 132535.	4.2	7
128	In vitro digestibility and prebiotic activities of a bioactive polysaccharide from <i>Moringa oleifera</i> leaves. Journal of Food Biochemistry, 2021, 45, e13944.	1.2	6
129	Amylose ^Å Lipid Complex. , 2020, , 57-76.		5
130	In Vitro Starch Digestion: Mechanisms and Kinetic Models. , 2020, , 151-167.		5
131	Encapsulation and controlled release characteristics of ethylene gas in cucurbit[<i>n</i>]urils. Polymer Chemistry, 2019, 10, 6021-6030.	1.9	4
132	Effect of lipids complexes on controlling ethylene gas release from V-type starch. Carbohydrate Polymers, 2022, 291, 119556.	5.1	4
133	Effects of Dual Pullulanase ^Å Debranching and Temperature ^Å Cycling Treatments on Physicochemical Properties and In Vitro Digestibility of Sago Starch and Its Application in Chinese Steamed Buns. Starch/Staerke, 2020, 72, 2000034.	1.1	3