

CITATION REPORT

List of articles citing

Quantification of uronic acids in tea polysaccharide conjugates and their antioxidant properties

DOI: 10.1021/jf0349679

Journal of Agricultural and Food Chemistry, 2004, 52, 3333-6.

Source: <https://exaly.com/paper-pdf/37400666/citation-report.pdf>

Version: 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
182	Rapid differentiation of tea products by surface desorption atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 10093-100	5.7	66
181	Antioxidant activity of sulphated polysaccharide conjugates from abalone (<i>Haliotis discus hannai</i> Ino). <i>European Food Research and Technology</i> , 2008 , 227, 1663-1668	3.4	44
180	Isolation and chemical characterisation of a polysaccharide from green tea (<i>Camellia sinensis</i> L.). 2008 , 88, 2523-2528		38
179	Study on the purification and chemical compositions of tea glycoprotein. <i>Carbohydrate Polymers</i> , 2008 , 71, 626-633	10.3	53
178	Antioxidant activities of different fractions of polysaccharide conjugates from green tea (<i>Camellia Sinensis</i>). <i>Food Chemistry</i> , 2008 , 106, 559-563	8.5	235
177	Preliminary studies on the chemical characterization and antioxidant properties of acidic polysaccharides from <i>Sargassum fusiforme</i> . 2008 , 9, 721-7		46
176	Effect of polysaccharides on gelatinization and retrogradation of wheat starch. <i>Food Hydrocolloids</i> , 2008 , 22, 505-512	10.6	64
175	Immunostimulating activity of a crude polysaccharide derived from green tea (<i>Camellia sinensis</i>) extract. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 1423-7	5.7	81
174	Isolation and characterization of immunostimulatory polysaccharide from an herb tea, <i>Gynostemma pentaphyllum</i> Makino. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 6905-9	5.7	74
173	Development and application of a capillary electrophoretic method for the composition analysis of a typical heteropolysaccharide from <i>Codonopsis pilosula</i> NANNF. 2008 , 31, 1860-5		14
172	Physicochemical characterization and antioxidant activity of a polysaccharide isolated from oolong tea. <i>European Food Research and Technology</i> , 2009 , 229, 629-635	3.4	44
171	EFFECT OF TEA POLYSACCHARIDE ADDITION ON THE PROPERTIES OF BREAD MADE FROM TWO FLOURS. 2009 , 33, 798-813		17
170	Physicochemical properties and antioxidant capacity of 3 polysaccharides from green tea, oolong tea, and black tea. 2009 , 74, C469-74		114
169	Separation and quantification of component monosaccharides of the tea polysaccharides from <i>Gynostemma pentaphyllum</i> by HPLC with indirect UV detection. <i>Food Chemistry</i> , 2009 , 112, 742-746	8.5	212
168	Antioxidative activity of polysaccharide fractions isolated from <i>Lycium barbarum</i> Linnaeus. <i>International Journal of Biological Macromolecules</i> , 2009 , 45, 146-51	7.9	139
167	Spectroscopy investigation on conformational transition of tea glycoconjugate from green tea. 2010 , 22, 1387-1390		4
166	Multifunctional antioxidant activity of polysaccharide fractions from the soybean byproduct okara. <i>Carbohydrate Polymers</i> , 2010 , 82, 245-250	10.3	119

165	Component analysis and free radicals scavenging activity of Cicer arietinum L. husk pectin. 2010 , 15, 6948-55		26
164	Study on molecular structural characteristics of tea polysaccharide. <i>International Journal of Biological Macromolecules</i> , 2010 , 47, 244-9	7.9	21
163	Antioxidant activity and emulsion-stabilizing effect of pectic enzyme treated pectin in soy protein isolate-stabilized oil/water emulsion. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 9623-8	5.7	39
162	Stimulation of osteoblastic differentiation and mineralization in MC3T3-E1 cells by antler and fermented antler using Cordyceps militaris. 2011 , 133, 710-7		30
161	Identification and Purification of an Allergic Glycoprotein from Ginkgo biloba Kernel. 2011 , 10, 631-641		23
160	Physicochemical properties, in vitro antioxidant activities and inhibitory potential against Eglucosidase of polysaccharides from Ampelopsis grossedentata leaves and stems. 2011 , 16, 7762-72		16
159	AN INNOVATIVE DERIVATIZATION METHOD FOR SIMULTANEOUS DETERMINATION OF URONIC ACIDS AND NEUTRAL AND AMINO SUGARS IN COEXISTING SAMPLES BY HPLC-ESI-MS/MS2. 2011 , 34, 1754-1771		6
158	Structural characterization and antioxidant activities of 2 water-soluble polysaccharide fractions purified from tea (Camellia sinensis) flower. 2011 , 76, C462-71		71
157	In vitro and in vivo antioxidant activity of exopolysaccharide fractions from Bifidobacterium animalis RH. 2011 , 17, 226-31		79
156	A review on the isolation and structure of tea polysaccharides and their bioactivities. <i>Food Hydrocolloids</i> , 2011 , 25, 144-149	10.6	173
155	Effects of molecular characteristics of tea polysaccharide in green tea on glass transitions of potato amylose, amylopectin and their mixtures. <i>Food Hydrocolloids</i> , 2011 , 25, 486-494	10.6	15
154	A comparative study on the antioxidant activities of an acidic polysaccharide and various solvent extracts derived from herbal Houttuynia cordata. <i>Carbohydrate Polymers</i> , 2011 , 83, 537-544	10.3	103
153	Evaluation of antioxidant capacity of ulvan-like polymer obtained by regioselective oxidation of gellan exopolysaccharide. <i>Food Chemistry</i> , 2011 , 127, 976-83	8.5	40
152	Fermenting red ginseng enhances its safety and efficacy as a novel skin care anti-aging ingredient: in vitro and animal study. 2012 , 15, 1015-23		60
151	Preliminary characterization, antioxidant activity in vitro and hepatoprotective effect on acute alcohol-induced liver injury in mice of polysaccharides from the peduncles of Hovenia dulcis. 2012 , 50, 2964-70		117
150	Fermentation process enhanced production and bioactivities of oolong tea polysaccharides. <i>Food Research International</i> , 2012 , 46, 158-166	7	50
149	Oral administration of puerh tea polysaccharides lowers blood glucose levels and enhances antioxidant status in alloxan-induced diabetic mice. 2012 , 77, H246-52		21
148	Ultrasound complex enzymes assisted extraction and biochemical activities of polysaccharides from Epimedium leaves. 2012 , 47, 2040-2050		70

147	Extraction optimisation and antioxidant activities in vitro of polysaccharides from <i>Allium macrostemon</i> Bunge. <i>International Journal of Food Science and Technology</i> , 2012 , 47, 723-730	3.8	11
146	A crude extract from immature green tea (<i>Camellia sinensis</i>) leaves promotes Toll-like receptor 7-mediated interferon- γ production in human macrophage-like cells. 2012 , 64, 145-8		7
145	Fibres from flax overproducing β 1,3-glucanase show increased accumulation of pectin and phenolics and thus higher antioxidant capacity. 2013 , 13, 10		22
144	In vitro antioxidant activities of sulfated polysaccharide ascophyllan isolated from <i>Ascophyllum nodosum</i> . <i>International Journal of Biological Macromolecules</i> , 2013 , 59, 305-12	7.9	40
143	Extrusion treatment for improved physicochemical and antioxidant properties of high-molecular weight polysaccharides isolated from coarse tea. <i>Food Research International</i> , 2013 , 53, 726-731	7	24
142	Effect of different drying methods on chemical composition and bioactivity of tea polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2013 , 62, 714-9	7.9	39
141	Characterization of <i>Lycium barbarum</i> polysaccharide and its effect on human hepatoma cells. <i>International Journal of Biological Macromolecules</i> , 2013 , 61, 270-5	7.9	56
140	Sulfation, anticoagulant and antioxidant activities of polysaccharide from green algae <i>Enteromorpha linza</i> . <i>International Journal of Biological Macromolecules</i> , 2013 , 58, 225-30	7.9	83
139	Structural features, antioxidant and immunological activity of a new polysaccharide (SP1) from sisal residue. <i>International Journal of Biological Macromolecules</i> , 2013 , 59, 184-91	7.9	34
138	Compatibility studies on tea polysaccharide/amylose/water and tea polysaccharide/amylopectin/water. <i>Carbohydrate Polymers</i> , 2013 , 92, 441-7	10.3	4
137	Preliminary characterization and potential hepatoprotective effect of polysaccharides from <i>Cipangopaludina chinensis</i> . 2013 , 59, 18-25		26
136	Structure and Bioactivities of Polysaccharides in Tea. 2013 , 225-235		1
135	The immunological and antioxidant activities of polysaccharides extracted from <i>Enteromorpha linza</i> . <i>International Journal of Biological Macromolecules</i> , 2013 , 57, 45-9	7.9	31
134	Antioxidant activity and physicochemical properties of an acidic polysaccharide from <i>Morinda officinalis</i> . <i>International Journal of Biological Macromolecules</i> , 2013 , 58, 7-12	7.9	33
133	Homogalacturonans from preinfused green tea: structural characterization and anticomplementary activity of their sulfated derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 10971-80	5.7	17
132	Chemical Analysis and Antioxidant Activity in vitro of Polysaccharides Extracted from Lower Grade Green Tea. 2013 , 5, 1355-1360		3
131	Hepatoprotective bioactivity of the glycoprotein, antrodan, isolated from <i>Antrodia cinnamomea</i> mycelia. 2014 , 9, e93191		19
130	Characterization, antioxidant and hepatoprotective activities of polysaccharides from <i>Ilex latifolia</i> Thunb. <i>Carbohydrate Polymers</i> , 2014 , 101, 990-7	10.3	102

129	Antioxidant and iron-chelating activities of cyanobacterial exopolymers with potential for wound healing. <i>Journal of Applied Phycology</i> , 2014 , 26, 1473-1482	3.2	19
128	Multifunctional properties of polysaccharides from <i>Dalbergia sissoo</i> , <i>Tectona grandis</i> and <i>Mimosa diplotricha</i> . <i>Carbohydrate Polymers</i> , 2014 , 102, 341-50	10.3	12
127	Isolation, preliminary characterization and hepatoprotective activity of polysaccharides from <i>Tamarindus indica</i> L. <i>Carbohydrate Polymers</i> , 2014 , 102, 1-7	10.3	19
126	Radical-Scavenging Activities of Cactus <i>Cladodes</i> (<i>Opuntia Humifusa</i> Raf.) in a Submerged Culture. 2014 , 38, 491-497		2
125	Purification, characterisation and protective effects of polysaccharides from alfalfa on hepatocytes. <i>Carbohydrate Polymers</i> , 2014 , 112, 608-14	10.3	27
124	Do assorted approaches aid in estimation of uronic acids? Case studies on <i>Tinospora sinensis</i> polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2014 , 70, 360-3	7.9	10
123	Ultrahigh pressure extraction of polysaccharides from <i>Cordyceps militaris</i> and evaluation of antioxidant activity. 2014 , 134, 90-99		48
122	Constituents actually responsible for the antioxidant activities of crude polysaccharides isolated from mushrooms. 2014 , 11, 548-556		53
121	Physicochemical characterization of puerh tea polysaccharides and their antioxidant and α -glucosidase inhibition. 2014 , 6, 545-554		74
120	Screening and comparison of antioxidant activities of polysaccharides from <i>Coriolus versicolor</i> . <i>International Journal of Biological Macromolecules</i> , 2014 , 69, 12-9	7.9	21
119	Composition of <i>Lycium barbarum</i> polysaccharides and their apoptosis-inducing effect on human hepatoma SMMC-7721 cells. 2015 , 59, 28696		32
118	Production and Characterization of Exopolysaccharide from Novel <i>Bacillus</i> sp. M3 and Evaluation on Development Sub-Chronic Aluminum Toxicity Induced Alzheimer's Disease in Male Rats. 2015 , 11, 92-103		6
117	Hematopoietic effect of deer antler extract fermented by <i>Bacillus subtilis</i> on murine marrow cells. 2015 , 9, 451-8		5
116	Simultaneous Detection of Genetically Modified Organisms in a Mixture by Multiplex PCR-Chip Capillary Electrophoresis. 2015 , 98, 1366-74		3
115	Characterization and antioxidant potential of <i>Coccinia indica</i> fruit mucilage: Evaluation of its binding properties. 2015 , 6, 69-74		4
114	The chemical composition, antioxidant activity and α -glucosidase inhibitory activity of water-extractable polysaccharide conjugates from northern Manitoba lingonberry. 2015 , 1, 1109781		8
113	Optimizing conditions for the extraction of polysaccharides of white tea. 2015 , 29, 921-925		3
112	Pu-erh tea polysaccharides decrease blood sugar by inhibition of α -glucosidase activity in vitro and in mice. <i>Food and Function</i> , 2015 , 6, 1539-46	6.1	89

111	Determination of uronic acids in sugarcane bagasse by anion-exchange chromatography using an electrode modified with copper nanoparticles. 2015 , 7, 2347-2353		7
110	Study on <i>Dendrobium officinale</i> O-acetyl-glucomannan (Dendronan [®]): Part VI. Protective effects against oxidative stress in immunosuppressed mice. <i>Food Research International</i> , 2015 , 72, 168-173	7	44
109	Characterization of Water Extractable Crude Polysaccharides from Cherry, Raspberry, and Ginseng Berry Fruits: Chemical Composition and Bioactivity. 2015 , 18, 670-689		9
108	Antioxidant and anti-inflammatory activities of the ethanolic extract of fermented red ginseng marc. 2015 , 24, 651-657		12
107	Purification, antioxidant and hepatoprotective activities of polysaccharide from <i>Cissus pteroclada</i> Hayata. <i>International Journal of Biological Macromolecules</i> , 2015 , 77, 307-13	7.9	28
106	Aqueous fractionation yields chemically stable lupin protein isolates. <i>Food Research International</i> , 2015 , 72, 82-90	7	9
105	Structural analysis of an acidic polysaccharide isolated from white tea. 2015 , 24, 1623-1628		8
104	Influence of variety, storage, and simulated gastrointestinal digestion on chemical composition and bioactivity of polysaccharides from sweet cherry and apple tree fruits. 2015 , 1, 1062597		3
103	Synthesis, structure determination, and antioxidant activity of novel 1-pyrazolyl-3-substituted isoquinolines, 1-pyrrolyl 3-substituted isoquinolin-1-amine, and 1-pyrazolonyl-substituted isoquinolines. 2015 , 41, 2081-2094		3
102	Tea Polysaccharides and Their Bioactivities. 2016 , 21,		47
101	Identification of pivotal components on the antioxidant activity of polysaccharide extract from <i>Ganoderma atrum</i> . 2016 , 7, 9-18		15
100	Recent advances in tea polysaccharides: Extraction, purification, physicochemical characterization and bioactivities. <i>Carbohydrate Polymers</i> , 2016 , 153, 663-678	10.3	89
99	Preliminary characterizations, antioxidant and hepatoprotective activity of polysaccharide from <i>Cistanche deserticola</i> . <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 678-685	7.9	23
98	<i>Medicago sativa</i> L., a functional food to relieve hypertension and metabolic disorders in a spontaneously hypertensive rat model. 2016 , 26, 470-484		11
97	Structure and bioactivity of a polysaccharide containing uronic acid from <i>Polyporus umbellatus</i> sclerotia. <i>Carbohydrate Polymers</i> , 2016 , 152, 222-230	10.3	54
96	Optimization of pectin extraction and antioxidant activities from Jerusalem artichoke. 2016 , 34, 372-381		13
95	The isolation and the characterization of two polysaccharides from the branch bark of mulberry (<i>Morus alba</i> L.). 2016 , 39, 887-96		14
94	Valuable applications for peat moss. 2016 , 6, 115-126		10

93	Effects of extraction methods on the yield, chemical structure and anti-tumor activity of polysaccharides from <i>Cordyceps gunnii</i> mycelia. <i>Carbohydrate Polymers</i> , 2016 , 140, 461-71	10.3	89
92	Simultaneous determination of neutral and uronic sugars based on UV-vis spectrometry combined with PLS. <i>International Journal of Biological Macromolecules</i> , 2016 , 87, 290-4	7.9	11
91	Modified pectic polysaccharide from turmeric (<i>Curcuma longa</i>): A potent dietary component against gastric ulcer. <i>Carbohydrate Polymers</i> , 2016 , 138, 143-55	10.3	32
90	Effect of polysaccharides from <i>Tremella fuciformis</i> on UV-induced photoaging. 2016 , 20, 400-410		61
89	Industrial optimization of fucoidan extraction from <i>Sargassum</i> sp. and its potential antioxidant and emulsifying activities. <i>Food Hydrocolloids</i> , 2016 , 54, 77-88	10.6	100
88	Isolation, structures and bioactivities of the polysaccharides from jujube fruit (<i>Ziziphus jujuba</i> Mill.): A review. <i>Food Chemistry</i> , 2017 , 227, 349-357	8.5	150
87	Polysaccharide rich fractions from barks of <i>Ximenia americana</i> inhibit peripheral inflammatory nociception in mice. 2017 , 27, 339-345		5
86	Influence of <i>Rhizoglossum irregulare</i> on nutraceutical quality and regeneration of <i>Lycium barbarum</i> leaves under salt stress. 2017 , 63, 365-374		3
85	Characterization, antioxidant activities and hepatoprotective effects of polysaccharides from pre-pressing separation Fuji apple peel. <i>CYTA - Journal of Food</i> , 2017 , 15, 307-319	2.3	2
84	Pectin from transgenic flax shives regulates extracellular matrix remodelling in human skin fibroblasts. 2017 , 55, 187-198		3
83	Purification, Characterization, Antioxidant and Antitumour Activities of Polysaccharides from Apple Peel Pomace Obtained by Pre-pressing Separation. 2017 , 13,		6
82	Isolation, physicochemical properties, and in vitro antioxidant activity of polysaccharides extracted from different parts of <i>Pinus koraiensis</i> . <i>Journal of Wood Chemistry and Technology</i> , 2017 , 37, 225-240	2	8
81	Estimation of uronic acids using diverse approaches and monosaccharide composition of alkali soluble polysaccharide from <i>Vitex negundo</i> Linn. <i>Carbohydrate Polymers</i> , 2017 , 165, 205-212	10.3	23
80	Effect of steeping temperature on antioxidant and inhibitory activities of green tea extracts against α -amylase, α -glucosidase and intestinal glucose uptake. <i>Food Chemistry</i> , 2017 , 234, 168-173	8.5	47
79	In vitro and in vivo antioxidative and radioprotective capacities of polysaccharide isolated from <i>Mesona Blumes</i> gum. <i>Starch/Staerke</i> , 2017 , 69, 1700056	2.3	5
78	Structural characterization and evaluation of the antioxidant activities of polysaccharides extracted from Qingzhuan brick tea. <i>International Journal of Biological Macromolecules</i> , 2017 , 101, 768-775	7.9	63
77	Characterization, antioxidant activity and immunomodulatory activity of polysaccharides from the swollen culms of <i>Zizania latifolia</i> . <i>International Journal of Biological Macromolecules</i> , 2017 , 95, 809-817	7.9	84
76	A new heteropolysaccharide from the seed husks of <i>Plantago asiatica</i> L. with its thermal and antioxidant properties. <i>Food and Function</i> , 2017 , 8, 4611-4618	6.1	7

75	Polysaccharides obtained from bamboo shoots (<i>Chimonobambusa quadrangularis</i>) processing by-products: New insight into ethanol precipitation and characterization. <i>International Journal of Biological Macromolecules</i> , 2018 , 112, 951-960	7.9	22
74	Effect of germination on composition profiling and antioxidant activity of the polysaccharide-protein conjugate in black soybean [<i>Glycinemax</i> (L.) Merr.]. <i>International Journal of Biological Macromolecules</i> , 2018 , 113, 601-606	7.9	13
73	Postbiotics: An evolving term within the functional foods field. <i>Trends in Food Science and Technology</i> , 2018 , 75, 105-114	15.3	321
72	Comparison of structural, antioxidant and immuno-stimulating activities of polysaccharides from <i>Tremella fuciformis</i> in two different regions of China. <i>International Journal of Food Science and Technology</i> , 2018 , 53, 1942-1953	3.8	11
71	Ultrasonic extraction, structural characterization, physicochemical properties and antioxidant activities of polysaccharides from bamboo shoots (<i>Chimonobambusa quadrangularis</i>) processing by-products. <i>International Journal of Biological Macromolecules</i> , 2018 , 112, 656-666	7.9	45
70	Introduction. 2018 , 1-50		3
69	Methodologies for Studying Bioactive Polysaccharides. 2018 , 51-97		
68	Tea Polysaccharide. 2018 , 349-394		3
67	Effects of simulated gastrointestinal digestion in vitro on the chemical properties, antioxidant activity, α -amylase and α -glucosidase inhibitory activity of polysaccharides from <i>Inonotus obliquus</i> . <i>Food Research International</i> , 2018 , 103, 280-288	7	80
66	Isolation, Structures, and Bioactivities of the Polysaccharides from (Thunb.) Makino: A Review. <i>BioMed Research International</i> , 2018 , 2018, 6285134	3	22
65	Effect of culture conditions on the physicochemical properties and antioxidant activities of polysaccharides from <i>Nostoc flagelliforme</i> . <i>Carbohydrate Polymers</i> , 2018 , 198, 426-433	10.3	48
64	<i>Ximenea americana</i> heteropolysaccharides ameliorate inflammation and visceral hypernociception in murine caerulein-induced acute pancreatitis: Involvement of CB2 receptors. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 106, 1317-1324	7.5	7
63	Review of isolation, structural properties, chain conformation, and bioactivities of psyllium polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 409-420	7.9	32
62	High-pressure ultrasonic-assisted extraction of polysaccharides from <i>Hovenia dulcis</i> : Extraction, structure, antioxidant activity and hypoglycemic. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 676-687	7.9	34
61	Antioxidant activity of a polysaccharide produced by <i>Chaetomium globosum</i> CGMCC 6882. <i>International Journal of Biological Macromolecules</i> , 2019 , 141, 955-960	7.9	12
60	"Catching a Child": giving birth under nomadic conditions. The methods of pre- and postnatal care of the Nenets mothers and babies. <i>International Journal of Circumpolar Health</i> , 2019 , 78, 1586275	1.7	2
59	Japanese grape (<i>Hovenia dulcis</i>) polysaccharides: New insight into extraction, characterization, rheological properties, and bioactivities. <i>International Journal of Biological Macromolecules</i> , 2019 , 134, 631-644	7.9	18
58	Characterization of physicochemical properties and antioxidant activity of polysaccharides from shoot residues of bamboo (<i>Chimonobambusa quadrangularis</i>): Effect of drying procedures. <i>Food Chemistry</i> , 2019 , 292, 281-293	8.5	42

57	Sequential extraction, characterization and antioxidant activity of polysaccharides from <i>Fritillaria pallidiflora</i> Schrenk. <i>International Journal of Biological Macromolecules</i> , 2019 , 131, 97-106	7.9	56
56	Tea, the "Ambrosia" Beverage: Biochemical, Cellular, Molecular, and Clinical Evidences. 2019 , 1-61		
55	Structural elucidation and antioxidant activity of a novel heteroglycan from <i>Tricholoma Lobayense</i> . <i>Journal of Carbohydrate Chemistry</i> , 2019 , 38, 192-211	1.7	3
54	Antioxidant and immunomodulatory activities of polysaccharides from the rhizome of <i>Dryopteris crassirhizoma</i> Nakai. <i>International Journal of Biological Macromolecules</i> , 2019 , 130, 238-244	7.9	22
53	Marshmallow (<i>Althaea officinalis</i>) Flower Gum. 2019 , 397-423		1
52	Effects of in vitro saliva, gastric and intestinal digestion on the chemical properties, antioxidant activity of polysaccharide from <i>Artocarpus heterophyllus</i> Lam. (Jackfruit) Pulp. <i>Food Hydrocolloids</i> , 2019 , 87, 952-959	10.6	45
51	High-pressure ultrasonic-assisted extraction of polysaccharides from <i>Mentha haplocalyx</i> : Structure, functional and biological activities. <i>Industrial Crops and Products</i> , 2019 , 130, 273-284	5.9	38
50	Tea Polysaccharides as Potential Therapeutic Options for Metabolic Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 5350-5360	5.7	25
49	<i>Hovenia dulcis</i> polysaccharides: Influence of multi-frequency ultrasonic extraction on structure, functional properties, and biological activities. <i>International Journal of Biological Macromolecules</i> , 2020 , 148, 1010-1020	7.9	15
48	Preparation of chondroitin sulfates with different molecular weights from bovine nasal cartilage and their antioxidant activities. <i>International Journal of Biological Macromolecules</i> , 2020 , 152, 1047-1055	7.9	13
47	Current advances of polysaccharides in dermatology: a literature review. <i>Pharmaceutical Biology</i> , 2020 , 58, 664-673	3.8	17
46	Isolation, Characterization and Bioactive Properties of Alkali-Extracted Polysaccharides from. <i>Marine Drugs</i> , 2020 , 18,	6	5
45	Polysaccharide from <i>Lycium arabicum</i> : Structural Features, in Vitro Antioxidant Activities and Protective Effect against Oxidative Damage in Human Erythrocytes. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000614	2.5	3
44	Characteristics of Water-soluble Polysaccharides Extracts Produced from <i>Perilla</i> Seed Meal via Enzymatic Hydrolysis. <i>CYTA - Journal of Food</i> , 2020 , 18, 653-661	2.3	1
43	An Insight into the Research Concerning <i>Panax ginseng</i> C. A. Meyer Polysaccharides: A Review. <i>Food Reviews International</i> , 2020 , 1-17	5.5	47
42	Preparation, physicochemical characterization and identification of two novel mixed ACE-inhibiting peptides from two distinct tea alkali-soluble protein. <i>European Food Research and Technology</i> , 2020 , 246, 1483-1494	3.4	5
41	Characterization of Polysaccharides Extracted from Pulps and Seeds of <i>L. var.</i> : Preliminary Structure, Antioxidant, Antibacterial, -Amylase, and Acetylcholinesterase Inhibition Properties. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 1903056	6.7	9
40	Ultrasound-assisted extraction of polysaccharides from <i>Typha domingensis</i> : Structural characterization and functional properties. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 758-768	7.9	20

39	Chain conformation and physicochemical properties of polysaccharide (glucuronoxylomannan) from Fruit Bodies of <i>Tremella fuciformis</i> . <i>Carbohydrate Polymers</i> , 2020 , 245, 116354	10.3	17
38	Effects of polysaccharides from Yingshan Yunwu tea on meat quality, immune status and intestinal microflora in chickens. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 61-70	7.9	10
37	Extraction Optimization and Evaluation of the Antioxidant and α -Glucosidase Inhibitory Activity of Polysaccharides from cv. Hangju. <i>Antioxidants</i> , 2020 , 9,	7.1	8
36	Anti-Inflammatory, Antioxidant and Enzyme Inhibition Activities in Correlation with Mycochemical Profile of Selected Indigenous <i>Ganoderma</i> spp. from Balkan Region (Serbia). <i>Chemistry and Biodiversity</i> , 2021 , 18, e2000828	2.5	2
35	Fucoidan Extracted From Sporophyll of Grown in Weihai, China - Chemical Composition and Comparison of Antioxidant Activity of Different Molecular Weight Fractions. <i>Frontiers in Nutrition</i> , 2021 , 8, 636930	6.2	1
34	Comparison on characterization and antioxidant activity of exopolysaccharides from two <i>Porphyridium</i> strains. <i>Journal of Applied Phycology</i> , 2021 , 33, 2983-2994	3.2	5
33	<i>Echinacea purpurea</i> polysaccharide prepared by fractional precipitation prevents alcoholic liver injury in mice by protecting the intestinal barrier and regulating liver-related pathways. <i>International Journal of Biological Macromolecules</i> , 2021 , 187, 143-156	7.9	8
32	New properties of chia seed mucilage (<i>Salvia hispanica</i> L.) and potential application in cosmetic and pharmaceutical products. <i>Industrial Crops and Products</i> , 2021 , 171, 113981	5.9	3
31	Enzymatic extraction of pectic oligosaccharides from finger citron (<i>L. var. Swingle</i>) pomace with antioxidant potential. <i>Food and Function</i> , 2021 , 12, 9855-9865	6.1	1
30	Resource, chemical structure and activity of natural polysaccharides against alcoholic liver damages. <i>Carbohydrate Polymers</i> , 2020 , 241, 116355	10.3	16
29	Biological activities and physicochemical properties of polysaccharides from <i>Gloiopeltis furcata</i> prepared by using various enzymes. <i>Korean Journal of Food Preservation</i> , 2017 , 24, 455-463	0.5	2
28	Molecular Properties of Polysaccharide-Whey Protein Isolate (WPI) Complexes via Noncovalent Interactions. <i>Foods</i> , 2020 , 10,	4.9	7
27	Comparison of Chemical Composition and Radical Scavenging Activity of Pomegranate Extracts from Different Growing Areas. <i>Preventive Nutrition and Food Science</i> , 2009 , 14, 214-219	2.4	1
26	Potential of <i>Dyospirus khaki</i> Beverage as Sources of Natural Antioxidant. <i>Pakistan Journal of Nutrition</i> , 2013 , 12, 620-627	0.3	4
25	Physicochemical properties and anti-wrinkle effect of polysaccharides with different molecular weights from <i>Gloiopeltis furcata</i> . <i>Korean Journal of Food Preservation</i> , 2017 , 24, 688-696	0.5	1
24	Ultrasonic extraction, structural characterization, and antioxidant activity of oligosaccharides from red yeast rice.. <i>Food Science and Nutrition</i> , 2022 , 10, 204-217	3.2	0
23	Characterization, Antioxidant and Antitumor Activities of Oligosaccharides Isolated from (Spreng) Merr. by Different Extraction Methods. <i>Antioxidants</i> , 2021 , 10,	7.1	1
22	Jackfruit (<i>Lam.</i>) in health and disease: a critical review.. <i>Critical Reviews in Food Science and Nutrition</i> , 2022 , 1-35	11.5	0

21	Multifunctional health-promoting effects of oolong tea and its products. <i>Food Science and Human Wellness</i> , 2022 , 11, 512-523	8.3	2
20	Extraction, isolation, purification, derivatization, bioactivity, structure-activity relationship and application of polysaccharides from white jellyfungus.. <i>Biotechnology and Bioengineering</i> , 2022 ,	4.9	0
19	The Structural Characteristics of an Acidic Water-Soluble Polysaccharide from and Its In Vivo Anti-Tumor Activity on H22 Tumor-Bearing Mice.. <i>Polymers</i> , 2022 , 14,	4.5	1
18	Extraction of Natural Plant Polysaccharides and Their In Vitro Antioxidant Activities. <i>Reference Series in Phytochemistry</i> , 2022 , 189-204	0.7	
17	Isolation and structural characterization of cell wall polysaccharides from sesame kernel. <i>LWT - Food Science and Technology</i> , 2022 , 163, 113574	5.4	2
16	Effects of polysaccharides from Yingshan Yunwu tea on free amino acids, flavor nucleotides and antioxidant abilities in chickens. <i>Research in Veterinary Science</i> , 2022 , 149, 11-20	2.5	
15	Advances in the Utilization of Tea Polysaccharides: Preparation, Physicochemical Properties, and Health Benefits. <i>Polymers</i> , 2022 , 14, 2775	4.5	0
14	Preparation, structure-function relationship and application of Grifola umbellata polysaccharides. <i>Industrial Crops and Products</i> , 2022 , 186, 115282	5.9	0
13	Solid-Phase Synthesis of Polysaccharides from Unprotected Glucose Catalyzed by H ₂ Zeolites. <i>ACS Sustainable Chemistry and Engineering</i> ,	8.3	
12	Mellow and Thick Taste of Puâ€rh Ripe Tea Based on Chemical Properties by Sensoryâ€Directed Flavor Analysis. 2022 , 11, 2285		0
11	Comprehensive review in moisture retention mechanism of polysaccharides from algae, plants, bacteria and fungus. 2022 , 15, 104163		1
10	Physicochemical properties and bioactivity of polysaccharides from Isaria cicadae Miquel with different extraction processes: effects on gut microbiota and immune response in mice. 2022 , 13, 9268-9284		2
9	Lentinula edodes, a Novel Source of Polysaccharides with Antioxidant Power. 2022 , 11, 1770		2
8	Isolation, Structural Characterization, and Hypoglycemic Activities In Vitro of Polysaccharides from Pleurotus eryngii. 2022 , 27, 7140		1
7	Preparation and Antioxidant Activity In Vitro of Fermented Tremella fuciformis Extracellular Polysaccharides. 2022 , 8, 616		0
6	Development, characterization and probiotic encapsulating ability of novel Momordica charantia bioactive polysaccharides/whey protein isolate composite gels. 2023 , 225, 454-466		1
5	Antioxidant effects of polysaccharides derivatives of various plants. 2023 , 545-573		0
4	Acidic polysaccharide from corn silk: Structural & conformational properties and hepatoprotective activity. 2023 , 236, 123851		0

- 3 Structural characteristics and antioxidant and hypoglycemic activities of a heteropolysaccharide from *Anemarrhena asphodeloides* Bunge. **2023**, 236, 123843 ○
- 2 Comparisons of physicochemical features and hepatoprotective potentials of unprocessed and processed polysaccharides from *Polygonum multiflorum* Thunb.. **2023**, 235, 123901 ○
- 1 Structural properties of Phoenix oolong tea polysaccharide conjugates and the interfacial stability in nanoemulsions. ○