

Ming-Yong Xie

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2170943/ming-yong-xie-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. 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.

249
papers

8,758
citations

53
h-index

79
g-index

255
ext. papers

11,142
ext. citations

6.2
avg, IF

6.53
L-index

#	Paper	IF	Citations
249	Purification, composition analysis and antioxidant activity of a polysaccharide from the fruiting bodies of <i>Ganoderma atrum</i> . <i>Food Chemistry</i> , 2008 , 107, 231-241	8.5	448
248	Reviews on Mechanisms of In Vitro Antioxidant Activity of Polysaccharides. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 5692852	6.7	241
247	Advances on Bioactive Polysaccharides from Medicinal Plants. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56 Suppl 1, S60-84	11.5	237
246	Isolation, chemical composition and antioxidant activities of a water-soluble polysaccharide from <i>Cyclocarya paliurus</i> (Batal.) Iljinskaja. <i>Food Chemistry</i> , 2010 , 119, 1626-1632	8.5	225
245	Sulfated modification, characterization and antioxidant activities of polysaccharide from <i>Cyclocarya paliurus</i> . <i>Food Hydrocolloids</i> , 2016 , 53, 7-15	10.6	180
244	Ultrasonic-assisted extraction, antimicrobial and antioxidant activities of <i>Cyclocarya paliurus</i> (Batal.) Iljinskaja polysaccharides. <i>Carbohydrate Polymers</i> , 2012 , 89, 177-84	10.3	169
243	Dynamic changes of lactic acid bacteria flora during Chinese sauerkraut fermentation. <i>Food Control</i> , 2012 , 26, 178-181	6.2	137
242	Acetylation and carboxymethylation of the polysaccharide from <i>Ganoderma atrum</i> and their antioxidant and immunomodulating activities. <i>Food Chemistry</i> , 2014 , 156, 279-88	8.5	121
241	Extraction, chemical composition and antioxidant activity of flavonoids from <i>Cyclocarya paliurus</i> (Batal.) Iljinskaja leaves. <i>Food Chemistry</i> , 2015 , 186, 97-105	8.5	119
240	Sulfated modification of polysaccharides: Synthesis, characterization and bioactivities. <i>Trends in Food Science and Technology</i> , 2018 , 74, 147-157	15.3	110
239	Polysaccharide from seeds of <i>Plantago asiatica</i> L. increases short-chain fatty acid production and fecal moisture along with lowering pH in mouse colon. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11525-32	5.7	104
238	Determination of multi-pesticide residues in green tea with a modified QuEChERS protocol coupled to HPLC-MS/MS. <i>Food Chemistry</i> , 2019 , 275, 255-264	8.5	102
237	Elucidation of the structure of a bioactive hydrophilic polysaccharide from <i>Cordyceps sinensis</i> by methylation analysis and NMR spectroscopy. <i>Carbohydrate Polymers</i> , 2011 , 84, 894-899	10.3	93
236	Sulfated modification of the polysaccharides from <i>Ganoderma atrum</i> and their antioxidant and immunomodulating activities. <i>Food Chemistry</i> , 2015 , 186, 231-8	8.5	91
235	Chemoprotective effects of <i>Ganoderma atrum</i> polysaccharide in cyclophosphamide-induced mice. <i>International Journal of Biological Macromolecules</i> , 2014 , 64, 395-401	7.9	89
234	Sulfated polysaccharide from <i>Cyclocarya paliurus</i> enhances the immunomodulatory activity of macrophages. <i>Carbohydrate Polymers</i> , 2017 , 174, 669-676	10.3	89
233	Structural characterisation of a novel bioactive polysaccharide from <i>Ganoderma atrum</i> . <i>Carbohydrate Polymers</i> , 2012 , 88, 1047-1054	10.3	88

232	Immunomodulatory effects of an acetylated Cyclocarya paliurus polysaccharide on murine macrophages RAW264.7. <i>International Journal of Biological Macromolecules</i> , 2017 , 98, 576-581	7.9	87
231	Correlation between microbiota and flavours in fermentation of Chinese Sichuan Paocai. <i>Food Research International</i> , 2018 , 114, 123-132	7	83
230	A homogeneous immunosensor for AFB1 detection based on FRET between different-sized quantum dots. <i>Biosensors and Bioelectronics</i> , 2014 , 56, 144-50	11.8	83
229	Carrot juice fermented with <i>Lactobacillus plantarum</i> NCU116 ameliorates type 2 diabetes in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 11884-91	5.7	82
228	Structural characterization of a highly branched polysaccharide from the seeds of <i>Plantago asiatica</i> L.. <i>Carbohydrate Polymers</i> , 2012 , 87, 2416-2424	10.3	82
227	The relationship of antioxidant components and antioxidant activity of sesame seed oil. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 2571-8	4.3	81
226	Chemical characteristics and antioxidant activities of polysaccharide purified from the seeds of <i>Plantago asiatica</i> L. <i>Journal of the Science of Food and Agriculture</i> , 2010 , 90, 210-7	4.3	77
225	A Polysaccharide from <i>Ganoderma atrum</i> Improves Liver Function in Type 2 Diabetic Rats via Antioxidant Action and Short-Chain Fatty Acids Excretion. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 1938-44	5.7	76
224	Polysaccharide from <i>Mesona chinensis</i> : Extraction optimization, physicochemical characterizations and antioxidant activities. <i>International Journal of Biological Macromolecules</i> , 2017 , 99, 665-673	7.9	75
223	A newly identified polysaccharide from <i>Ganoderma atrum</i> attenuates hyperglycemia and hyperlipidemia. <i>International Journal of Biological Macromolecules</i> , 2013 , 57, 142-50	7.9	72
222	Biocompatible and biodegradable nanoparticles for enhancement of anti-cancer activities of phytochemicals. <i>Chinese Journal of Natural Medicines</i> , 2015 , 13, 641-52	2.8	71
221	Sulfated polysaccharides from <i>Cyclocarya paliurus</i> reduce H ₂ O ₂ -induced oxidative stress in RAW264.7 cells. <i>International Journal of Biological Macromolecules</i> , 2015 , 80, 410-7	7.9	70
220	The analysis of trans fatty acid profiles in deep frying palm oil and chicken fillets with an improved gas chromatography method. <i>Food Control</i> , 2014 , 44, 191-197	6.2	69
219	Macrophage immunomodulatory activity of a purified polysaccharide isolated from <i>Ganoderma atrum</i> . <i>Phytotherapy Research</i> , 2013 , 27, 186-91	6.7	69
218	In vitro fermentation of polysaccharide from the seeds of <i>Plantago asiatica</i> L. by human fecal microbiota. <i>Food Hydrocolloids</i> , 2013 , 33, 384-392	10.6	68
217	Starter culture fermentation of Chinese sauerkraut: Growth, acidification and metabolic analyses. <i>Food Control</i> , 2014 , 41, 122-127	6.2	67
216	Preparation, characterization and antioxidant activities of acetylated polysaccharides from <i>Cyclocarya paliurus</i> leaves. <i>Carbohydrate Polymers</i> , 2015 , 133, 596-604	10.3	66
215	Carboxymethylation of polysaccharide from <i>Cyclocarya paliurus</i> and their characterization and antioxidant properties evaluation. <i>Carbohydrate Polymers</i> , 2016 , 136, 988-94	10.3	66

214	Quantification of total polysaccharides and triterpenoids in <i>Ganoderma lucidum</i> and <i>Ganoderma atrum</i> by near infrared spectroscopy and chemometrics. <i>Food Chemistry</i> , 2012 , 135, 268-275	8.5	66
213	Isolation and partial characterization of a neutral polysaccharide from <i>Mosla chinensis</i> Maxim. cv. Jiangxiangru and its antioxidant and immunomodulatory activities. <i>Journal of Functional Foods</i> , 2014 , 6, 410-418	5.1	65
212	Immunomodulatory effect of <i>Ganoderma atrum</i> polysaccharide on CT26 tumor-bearing mice. <i>Food Chemistry</i> , 2013 , 136, 1213-9	8.5	65
211	Effect of ultrasonic treatment on the physicochemical properties and antioxidant activities of polysaccharide from <i>Cyclocarya paliurus</i> . <i>Carbohydrate Polymers</i> , 2016 , 151, 305-312	10.3	63
210	Sulfated <i>Cyclocarya paliurus</i> polysaccharides markedly attenuates inflammation and oxidative damage in lipopolysaccharide-treated macrophage cells and mice. <i>Scientific Reports</i> , 2017 , 7, 40402	4.9	62
209	Effects of salt concentration on Chinese sauerkraut fermentation. <i>LWT - Food Science and Technology</i> , 2016 , 69, 169-174	5.4	62
208	<i>Lactobacillus plantarum</i> NCU116 improves liver function, oxidative stress and lipid metabolism in rats with high fat diet induced non-alcoholic fatty liver disease. <i>Food and Function</i> , 2014 , 5, 3216-23	6.1	62
207	Cultured <i>Cordyceps sinensis</i> polysaccharides modulate intestinal mucosal immunity and gut microbiota in cyclophosphamide-treated mice. <i>Carbohydrate Polymers</i> , 2020 , 235, 115957	10.3	61
206	Toll-like receptor 4-mediated ROS signaling pathway involved in <i>Ganoderma atrum</i> polysaccharide-induced tumor necrosis factor- β secretion during macrophage activation. <i>Food and Chemical Toxicology</i> , 2014 , 66, 14-22	4.7	61
205	Polysaccharide from fermented <i>Momordica charantia</i> L. with <i>Lactobacillus plantarum</i> NCU116 ameliorates type 2 diabetes in rats. <i>Carbohydrate Polymers</i> , 2018 , 201, 624-633	10.3	59
204	<i>Ganoderma atrum</i> polysaccharide induces anti-tumor activity via the mitochondrial apoptotic pathway related to activation of host immune response. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 860-47	4.7	59
203	Gastroprotective activity of polysaccharide from <i>Herichium erinaceus</i> against ethanol-induced gastric mucosal lesion and pylorus ligation-induced gastric ulcer, and its antioxidant activities. <i>Carbohydrate Polymers</i> , 2018 , 186, 100-109	10.3	56
202	Bioactive polysaccharides from <i>Cordyceps sinensis</i> : Isolation, structure features and bioactivities. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2013 , 1, 38-52	3.4	56
201	Review on cell models to evaluate the potential antioxidant activity of polysaccharides. <i>Food and Function</i> , 2017 , 8, 915-926	6.1	55
200	Structural characterization and immunostimulatory activity of a glucan from natural <i>Cordyceps sinensis</i> . <i>Food Hydrocolloids</i> , 2017 , 67, 139-147	10.6	55
199	¹ H NMR combined with chemometrics for the rapid detection of adulteration in camellia oils. <i>Food Chemistry</i> , 2018 , 242, 308-315	8.5	55
198	In vitro effects of a novel polysaccharide from the seeds of <i>Plantago asiatica</i> L. on intestinal function. <i>International Journal of Biological Macromolecules</i> , 2013 , 54, 264-9	7.9	53
197	Separation, structure characterization, conformation and immunomodulating effect of a hyperbranched heteroglycan from <i>Radix Astragali</i> . <i>Carbohydrate Polymers</i> , 2012 , 87, 667-675	10.3	53

196	Exopolysaccharides from <i>Lactobacillus plantarum</i> NCU116 Regulate Intestinal Barrier Function via STAT3 Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 9719-9727	5.7	52
195	<i>Ganoderma atrum</i> polysaccharide ameliorates ROS generation and apoptosis in spleen and thymus of immunosuppressed mice. <i>Food and Chemical Toxicology</i> , 2017 , 99, 199-208	4.7	49
194	Sulfated modification, characterization and property of a water-insoluble polysaccharide from <i>Ganoderma atrum</i> . <i>International Journal of Biological Macromolecules</i> , 2015 , 79, 248-55	7.9	49
193	High pressure homogenization increases antioxidant capacity and short-chain fatty acid yield of polysaccharide from seeds of <i>Plantago asiatica</i> L. <i>Food Chemistry</i> , 2013 , 138, 2338-45	8.5	49
192	Removal of bound polyphenols and its effect on antioxidant and prebiotics properties of carrot dietary fiber. <i>Food Hydrocolloids</i> , 2019 , 93, 284-292	10.6	48
191	Physicochemical characterization, antioxidant activity of polysaccharides from <i>Mesona chinensis</i> Benth and their protective effect on injured NCTC-1469 cells induced by HO. <i>Carbohydrate Polymers</i> , 2017 , 175, 538-546	10.3	48
190	Structural characteristics and functional properties of soluble dietary fiber from defatted rice bran obtained through <i>Trichoderma viride</i> fermentation. <i>Food Hydrocolloids</i> , 2019 , 94, 468-474	10.6	47
189	Molecular mechanism underlying chemoprotective effects of <i>Ganoderma atrum</i> polysaccharide in cyclophosphamide-induced immunosuppressed mice. <i>Journal of Functional Foods</i> , 2015 , 15, 52-60	5.1	47
188	Cholesterol-lowering effect of <i>Lactobacillus plantarum</i> NCU116 in a hyperlipidaemic rat model. <i>Journal of Functional Foods</i> , 2014 , 8, 340-347	5.1	47
187	Antidiabetic Mechanism of Dietary Polysaccharides Based on Their Gastrointestinal Functions. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 4781-4786	5.7	46
186	Comparison of (poly)phenolic compounds and antioxidant properties of pomace extracts from kiwi and grape juice. <i>Food Chemistry</i> , 2019 , 271, 425-432	8.5	46
185	A comparison of chemical composition, bioactive components and antioxidant activity of natural and cultured <i>Cordyceps sinensis</i> . <i>LWT - Food Science and Technology</i> , 2015 , 63, 2-7	5.4	46
184	Signaling pathway involved in the immunomodulatory effect of <i>Ganoderma atrum</i> polysaccharide in spleen lymphocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 2734-40	5.7	44
183	An acidic heteropolysaccharide from <i>Mesona chinensis</i> : Rheological properties, gelling behavior and texture characteristics. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 1591-1598	7.9	44
182	Polysaccharide from seeds of <i>Plantago asiatica</i> L. affects lipid metabolism and colon microbiota of mouse. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 229-34	5.7	44
181	<i>Ganoderma atrum</i> polysaccharide improves aortic relaxation in diabetic rats via PI3K/Akt pathway. <i>Carbohydrate Polymers</i> , 2014 , 103, 520-7	10.3	43
180	Methylation and 2D NMR analysis of arabinoxylan from the seeds of <i>Plantago asiatica</i> L.. <i>Carbohydrate Polymers</i> , 2012 , 88, 1395-1401	10.3	43
179	Mannose Receptor Mediates the Immune Response to <i>Ganoderma atrum</i> Polysaccharides in Macrophages. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 348-357	5.7	42

178	A review of NMR analysis in polysaccharide structure and conformation: Progress, challenge and perspective. <i>Food Research International</i> , 2021 , 143, 110290	7	42
177	Determination of carnosine in Black-Bone Silky Fowl (<i>Gallus gallus domesticus</i> Brisson) and common chicken by HPLC. <i>European Food Research and Technology</i> , 2007 , 226, 311-314	3-4	41
176	Comparison of bacterial diversity in traditionally homemade paocai and Chinese spicy cabbage. <i>Food Microbiology</i> , 2019 , 83, 141-149	6	40
175	Fractionation, physicochemical property and immunological activity of polysaccharides from <i>Cassia obtusifolia</i> . <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 946-53	7-9	39
174	A novel polysaccharide from the seeds of <i>Plantago asiatica</i> L. induces dendritic cells maturation through toll-like receptor 4. <i>International Immunopharmacology</i> , 2014 , 18, 236-43	5-8	39
173	Determination of speciation of elements related to blood sugar in bioactive extracts from <i>Cyclocarya paliurus</i> leaves by FIA-ICP-MS. <i>European Food Research and Technology</i> , 2006 , 223, 202-209	3-4	39
172	Interaction between gut immunity and polysaccharides. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 2943-2955	11.5	38
171	Effect of calcium on solution and conformational characteristics of polysaccharide from seeds of <i>Plantago asiatica</i> L. <i>Carbohydrate Polymers</i> , 2015 , 124, 331-6	10.3	38
170	Tea Polysaccharides Inhibit Colitis-Associated Colorectal Cancer via Interleukin-6/STAT3 Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 4384-4393	5-7	38
169	Isolation, purification and physicochemical properties of polysaccharide from fruiting body of <i>Hericium erinaceus</i> and its effect on colonic health of mice. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 1310-1319	7-9	38
168	<i>Ganoderma atrum</i> polysaccharide improves age-related oxidative stress and immune impairment in mice. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 1413-8	5-7	38
167	Immunomodulatory Activity of <i>Ganoderma atrum</i> Polysaccharide on Purified T Lymphocytes through Ca/CaN and Mitogen-Activated Protein Kinase Pathway Based on RNA Sequencing. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 5306-5315	5-7	37
166	Screening and identification of functional <i>Lactobacillus</i> specific for vegetable fermentation. <i>Journal of Food Science</i> , 2013 , 78, M84-9	3-4	37
165	Exopolysaccharides from <i>Lactobacillus plantarum</i> NCU116 induce c-Jun dependent Fas/FasL-mediated apoptosis via TLR2 in mouse intestinal epithelial cancer cells. <i>Scientific Reports</i> , 2017 , 7, 14247	4-9	36
164	Ultrasonic irradiation induces degradation and improves prebiotic properties of polysaccharide from seeds of <i>Plantago asiatica</i> L. during <i>in vitro</i> fermentation by human fecal microbiota. <i>Food Hydrocolloids</i> , 2018 , 76, 60-66	10.6	35
163	<i>In vitro</i> fermentation of the polysaccharides from <i>Cyclocarya paliurus</i> leaves by human fecal inoculums. <i>Carbohydrate Polymers</i> , 2014 , 112, 563-8	10.3	35
162	Characterization of a bioactive polysaccharide from <i>Ganoderma atrum</i> : Re-elucidation of the fine structure. <i>Carbohydrate Polymers</i> , 2017 , 158, 58-67	10.3	34
161	Protective effect of flavonoids from <i>Cyclocarya paliurus</i> leaves against carbon tetrachloride-induced acute liver injury in mice. <i>Food and Chemical Toxicology</i> , 2018 , 119, 392-399	4-7	34

160	An effective method for deproteinization of bioactive polysaccharides extracted from lingzhi (<i>Ganoderma atrum</i>). <i>Food Science and Biotechnology</i> , 2012 , 21, 191-198	3	34
159	The microbial communities and flavour compounds of Jiangxi yancai, Sichuan paocai and Dongbei suancai: Three major types of traditional Chinese fermented vegetables. <i>LWT - Food Science and Technology</i> , 2020 , 121, 108865	5.4	34
158	<i>Ganoderma atrum</i> Polysaccharide Ameliorates Hyperglycemia-Induced Endothelial Cell Death via a Mitochondria-ROS Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 8182-91	5.7	33
157	Bacterial community and composition in Jiang-shui and Suan-cai revealed by high-throughput sequencing of 16S rRNA. <i>International Journal of Food Microbiology</i> , 2019 , 306, 108271	5.8	33
156	Nutrients, phytochemicals and antioxidant activities of 26 kidney bean cultivars. <i>Food and Chemical Toxicology</i> , 2017 , 108, 467-477	4.7	33
155	Fermentation of Chinese sauerkraut in pure culture and binary co-culture with <i>Leuconostoc mesenteroides</i> and <i>Lactobacillus plantarum</i> . <i>LWT - Food Science and Technology</i> , 2014 , 59, 713-717	5.4	32
154	Effects of <i>Lactobacillus plantarum</i> NCU116 on Intestine Mucosal Immunity in Immunosuppressed Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 10914-20	5.7	32
153	Fractionation, physicochemical properties and structural features of non-arabinoxylan polysaccharide from the seeds of <i>Plantago asiatica</i> L.. <i>Food Hydrocolloids</i> , 2016 , 55, 128-135	10.6	31
152	Recent developments in polysaccharides: extraction, purification, structural characteristics and biological activities. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, S96-S115	11.5	31
151	Exposure assessment of 3-monochloropropane-1, 2-diol esters from edible oils and fats in China. <i>Food and Chemical Toxicology</i> , 2015 , 75, 8-13	4.7	30
150	<i>Ganoderma atrum</i> polysaccharide protects cardiomyocytes against anoxia/reoxygenation-induced oxidative stress by mitochondrial pathway. <i>Journal of Cellular Biochemistry</i> , 2010 , 110, 191-200	4.7	30
149	The Agr-Like Quorum Sensing System Is Required for Pathogenesis of Necrotic Enteritis Caused by <i>Clostridium perfringens</i> in Poultry. <i>Infection and Immunity</i> , 2017 , 85,	3.7	29
148	Formation and reduction of 3-monochloropropane-1,2-diol esters in peanut oil during physical refining. <i>Food Chemistry</i> , 2016 , 199, 605-11	8.5	29
147	Fuoidan Extracted from the New Zealand -Physicochemical Comparison against Five Other Fuoidans: Unique Low Molecular Weight Fraction Bioactivity in Breast Cancer Cell Lines. <i>Marine Drugs</i> , 2018 , 16,	6	29
146	Study on <i>Dendrobium officinale</i> O-Acetyl-glucomannan (Dendronan). 7. Improving Effects on Colonic Health of Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2485-91	5.7	28
145	(-)-Epigallocatechin-3-gallate alleviates doxorubicin-induced cardiotoxicity in sarcoma 180 tumor-bearing mice. <i>Life Sciences</i> , 2017 , 180, 151-159	6.8	28
144	<i>Lactobacillus plantarum</i> NCU116 attenuates cyclophosphamide-induced intestinal mucosal injury, metabolism and intestinal microbiota disorders in mice. <i>Food and Function</i> , 2016 , 7, 1584-92	6.1	28
143	Comparison of microbial communities and physicochemical characteristics of two traditionally fermented vegetables. <i>Food Research International</i> , 2020 , 128, 108755	7	28

142	Prediction of fatty acid composition in camellia oil by H NMR combined with PLS regression. <i>Food Chemistry</i> , 2019 , 279, 339-346	8.5	28
141	Fermented <i>Momordica charantia</i> L. juice modulates hyperglycemia, lipid profile, and gut microbiota in type 2 diabetic rats. <i>Food Research International</i> , 2019 , 121, 367-378	7	27
140	<i>Cordyceps sinensis</i> polysaccharide inhibits colon cancer cells growth by inducing apoptosis and autophagy flux blockage via mTOR signaling. <i>Carbohydrate Polymers</i> , 2020 , 237, 116113	10.3	27
139	In vitro evaluation of the antioxidant activities of carbohydrates. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2016 , 7, 19-27	3.4	27
138	Monosaccharide composition analysis of polysaccharides from natural sources: Hydrolysis condition and detection method development. <i>Food Hydrocolloids</i> , 2021 , 116, 106641	10.6	27
137	Comparison of structural features and antioxidant activity of polysaccharides from natural and cultured. <i>Food Science and Biotechnology</i> , 2017 , 26, 55-62	3	26
136	Recent trends and applications of polysaccharides for microencapsulation of probiotics. <i>Food Frontiers</i> , 2020 , 1, 45-59	4.2	26
135	<i>Lactobacillus plantarum</i> NCU116 Attenuates Cyclophosphamide-Induced Immunosuppression and Regulates Th17/Treg Cell Immune Responses in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 1291-7	5.7	26
134	Polysaccharides from fermented <i>Momordica charantia</i> ameliorate obesity in high-fat induced obese rats. <i>Food and Function</i> , 2019 , 10, 448-457	6.1	25
133	Protective effects of a <i>Ganoderma atrum</i> polysaccharide against acrylamide induced oxidative damage via a mitochondria mediated intrinsic apoptotic pathway in IEC-6 cells. <i>Food and Function</i> , 2018 , 9, 1133-1143	6.1	25
132	Protective properties of combined fungal polysaccharides from <i>Cordyceps sinensis</i> and <i>Ganoderma atrum</i> on colon immune dysfunction. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 1049-1055	7.9	24
131	Physical quality and in vitro starch digestibility of biscuits as affected by addition of soluble dietary fiber from defatted rice bran. <i>Food Hydrocolloids</i> , 2020 , 99, 105349	10.6	24
130	Recovery of dietary fiber and polyphenol from grape juice pomace and evaluation of their functional properties and polyphenol compositions. <i>Food and Function</i> , 2017 , 8, 341-351	6.1	23
129	<i>Ganoderma atrum</i> polysaccharide ameliorates intestinal mucosal dysfunction associated with autophagy in immunosuppressed mice. <i>Food and Chemical Toxicology</i> , 2020 , 138, 111244	4.7	23
128	Coix polysaccharides: Gut microbiota regulation and immunomodulatory. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2018 , 16, 53-61	3.4	23
127	Carboxymethylation enhances the maturation-inducing activity in dendritic cells of polysaccharide from the seeds of <i>Plantago asiatica</i> L. <i>International Immunopharmacology</i> , 2014 , 22, 324-31	5.8	23
126	<i>Ganoderma atrum</i> polysaccharide evokes antitumor activity via cAMP-PKA mediated apoptotic pathway and down-regulation of Ca(2+)/PKC signal pathway. <i>Food and Chemical Toxicology</i> , 2014 , 68, 239-46	4.7	23
125	In vitro antioxidative and anticancer activities of tea glycoprotein in green tea. <i>European Food Research and Technology</i> , 2007 , 224, 437-442	3.4	23

124	Metabolism and health effects of phyto-estrogens. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 2432-2454	11.5	22
123	Gastroprotective effect of gamma-aminobutyric acid against ethanol-induced gastric mucosal injury. <i>Chemico-Biological Interactions</i> , 2017 , 272, 125-134	5	21
122	Mucosal. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 9831-9839	5.7	21
121	Cultured <i>Cordyceps sinensis</i> polysaccharides attenuate cyclophosphamide-induced intestinal barrier injury in mice. <i>Journal of Functional Foods</i> , 2019 , 62, 103523	5.1	21
120	Structure and biological activities of a pectic polysaccharide from <i>Mosla chinensis</i> Maxim. cv. Jiangxiangru. <i>Carbohydrate Polymers</i> , 2014 , 105, 276-84	10.3	21
119	Simultaneous determination of furan and 2-alkylfurans in heat-processed foods by automated static headspace gas chromatography-mass spectrometry. <i>LWT - Food Science and Technology</i> , 2016 , 72, 44-54	5.4	21
118	Isolation, structure, and bioactivities of polysaccharides from <i>Cyclocarya paliurus</i> (Batal.) Iljinskaja. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1398, 20-29	6.5	20
117	Simultaneous Determination of Acrylamide and 5-Hydroxymethylfurfural in Heat-Processed Foods Employing Enhanced Matrix Removal-Lipid as a New Dispersive Solid-Phase Extraction Sorbent Followed by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 5017-5025	5.7	20
116	<i>Lactobacillus plantarum</i> NCU116 fermented carrot juice evokes changes of metabolites in serum from type 2 diabetic rats. <i>Food Research International</i> , 2016 , 80, 36-40	7	20
115	Study on colon health benefit of polysaccharide from <i>Cyclocarya paliurus</i> leaves in vivo. <i>Journal of Functional Foods</i> , 2014 , 11, 203-209	5.1	20
114	Polysaccharide purified from <i>Ganoderma atrum</i> induced activation and maturation of murine myeloid-derived dendritic cells. <i>Food and Chemical Toxicology</i> , 2017 , 108, 478-485	4.7	19
113	Modulation of cytokine gene expression by selected <i>Lactobacillus</i> isolates in the ileum, caecal tonsils and spleen of <i>Salmonella</i> -challenged broilers. <i>Avian Pathology</i> , 2015 , 44, 463-9	2.4	19
112	Combinatorial usage of fungal polysaccharides from <i>Cordyceps sinensis</i> and <i>Ganoderma atrum</i> ameliorate drug-induced liver injury in mice. <i>Food and Chemical Toxicology</i> , 2018 , 119, 66-72	4.7	19
111	Molecular properties and gut health benefits of enzyme-hydrolyzed konjac glucomannans. <i>Carbohydrate Polymers</i> , 2020 , 237, 116117	10.3	18
110	Structural characterization of an β 1, 6-linked galactomannan from natural <i>Cordyceps sinensis</i> . <i>Food Hydrocolloids</i> , 2018 , 78, 77-91	10.6	18
109	Tea Polysaccharide Prevents Colitis-Associated Carcinogenesis in Mice by Inhibiting the Proliferation and Invasion of Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	18
108	Cell Signaling of in Response to Enterotoxigenic Infection and Protection. <i>Frontiers in Immunology</i> , 2018 , 9, 1745	8.4	18
107	<i>Dendrobium officinale</i> polysaccharide triggers mitochondrial disorder to induce colon cancer cell death via ROS-AMPK-autophagy pathway. <i>Carbohydrate Polymers</i> , 2021 , 264, 118018	10.3	18

106	Tumor Microenvironment as a New Target for Tumor Immunotherapy of Polysaccharides. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56 Suppl 1, S85-94	11.5	17
105	Structural Features of Alkaline Extracted Polysaccharide from the Seeds of <i>Plantago asiatica</i> L. and Its Rheological Properties. <i>Molecules</i> , 2016 , 21,	4.8	17
104	Effect of <i>Lactobacillus plantarum</i> NCU116 Fermentation on <i>Asparagus officinalis</i> Polysaccharide: Characterization, Antioxidative, and Immunoregulatory Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 10703-10711	5.7	17
103	RNA-seq based elucidation of mechanism underlying <i>Ganoderma atrum</i> polysaccharide induced immune activation of murine myeloid-derived dendritic cells. <i>Journal of Functional Foods</i> , 2019 , 55, 104-116	5.1	16
102	Composition of bound polyphenols from carrot dietary fiber and its in vivo and in vitro antioxidant activity. <i>Food Chemistry</i> , 2021 , 339, 127879	8.5	16
101	Comparison of Furans Formation and Volatile Aldehydes Profiles of Four Different Vegetable Oils During Thermal Oxidation. <i>Journal of Food Science</i> , 2019 , 84, 1966-1978	3.4	15
100	Regulatory effects of <i>Ganoderma atrum</i> polysaccharides on LPS-induced inflammatory macrophages model and intestinal-like Caco-2/macrophages co-culture inflammation model. <i>Food and Chemical Toxicology</i> , 2020 , 140, 111321	4.7	15
99	Immunomodulatory effect of <i>Ganoderma atrum</i> polysaccharides on Th17/Treg balance. <i>Journal of Functional Foods</i> , 2018 , 45, 215-222	5.1	15
98	<i>Ganoderma atrum</i> polysaccharide modulates TNF- β secretion and mRNA expression in macrophages of S-180 tumor-bearing mice. <i>Food Hydrocolloids</i> , 2016 , 53, 24-30	10.6	15
97	Effects of nonylphenol exposure on expression of cell receptors and secretory function in mouse Sertoli TM4 cells. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 37, 608-16	5.8	15
96	Influences of Operating Parameters on the Formation of Furan During Heating Based on Models of Polyunsaturated Fatty Acids. <i>Journal of Food Science</i> , 2015 , 80, T1432-7	3.4	15
95	Original article: Encapsulation of ascorbic acid in amorphous maltodextrin employing extrusion as affected by matrix/core ratio and water content. <i>International Journal of Food Science and Technology</i> , 2010 , 45, 1895-1901	3.8	15
94	Applications of infrared spectroscopy in polysaccharide structural analysis: Progress, challenge and perspective. <i>Food Chemistry: X</i> , 2021 , 12, 100168	4.7	15
93	Identification of pivotal components on the antioxidant activity of polysaccharide extract from <i>Ganoderma atrum</i> . <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2016 , 7, 9-18	3.4	15
92	Influence of Probiotic Fermented Fruit and Vegetables on Human Health and the Related Industrial Development Trend. <i>Engineering</i> , 2021 , 7, 212-218	9.7	15
91	Protective effect of <i>Ganoderma atrum</i> polysaccharide on acrolein-induced macrophage injury via autophagy-dependent apoptosis pathway. <i>Food and Chemical Toxicology</i> , 2019 , 133, 110757	4.7	14
90	Antioxidants Inhibit Formation of 3-Monochloropropane-1,2-diol Esters in Model Reactions. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 9850-4	5.7	14
89	Effects of Nondigestible Oligosaccharides on Obesity. <i>Annual Review of Food Science and Technology</i> , 2020 , 11, 205-233	14.7	14

88	Effect of encapsulated carvacrol on the incidence of necrotic enteritis in broiler chickens. <i>Avian Pathology</i> , 2016 , 45, 357-64	2.4	14
87	The effect of bound polyphenols on the fermentation and antioxidant properties of carrot dietary fiber in vivo and in vitro. <i>Food and Function</i> , 2020 , 11, 748-758	6.1	14
86	Genomic analysis revealed adaptive mechanism to plant-related fermentation of <i>Lactobacillus plantarum</i> NCU116 and <i>Lactobacillus</i> spp. <i>Genomics</i> , 2020 , 112, 703-711	4.3	14
85	Combinatory effects of phytoestrogens and exercise on body fat mass and lipid metabolism in ovariectomized female rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 178, 73-81	5.1	14
84	Mitogen-activated protein kinase and Akt pathways are involved in 4-n-nonyphenol induced apoptosis in mouse Sertoli TM4 cells. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 815-24	5.8	13
83	Genistein Promotes Proliferation of Human Cervical Cancer Cells Through Estrogen Receptor-Mediated PI3K/Akt-NF- κ B Pathway. <i>Journal of Cancer</i> , 2018 , 9, 288-295	4.5	13
82	Two-step hydrolysis method for monosaccharide composition analysis of natural polysaccharides rich in uronic acids. <i>Food Hydrocolloids</i> , 2020 , 101, 105524	10.6	13
81	Intervention of five strains of <i>Lactobacillus</i> on obesity in mice induced by high-fat diet. <i>Journal of Functional Foods</i> , 2020 , 72, 104078	5.1	13
80	Formation of N-(carboxymethyl)lysine and N-(carboxyethyl)lysine during black tea processing. <i>Food Research International</i> , 2019 , 121, 738-745	7	13
79	Colloid chemistry approach to understand the storage stability of fermented carrot juice. <i>Food Hydrocolloids</i> , 2019 , 89, 623-630	10.6	13
78	Indirectly stimulation of DCs by <i>Ganoderma atrum</i> polysaccharide in intestinal-like Caco-2/DCs co-culture model based on RNA-seq. <i>Journal of Functional Foods</i> , 2020 , 67, 103850	5.1	12
77	Structural Characterization and Chain Conformation of Water-Soluble β -Glucan from Wild. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 12520-12527	5.7	12
76	Gamma-Aminobutyric Acid Increases the Production of Short-Chain Fatty Acids and Decreases pH Values in Mouse Colon. <i>Molecules</i> , 2017 , 22,	4.8	12
75	Bacterial community dynamics and physicochemical characteristics in natural fermentation of jiang-shui, a traditional food made in northwest China. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 3391-3397	4.3	12
74	Enzymatic purification and structure characterization of glucuronoxylan from water extract of <i>Cassia obtusifolia</i> seeds. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 1438-1446	7.9	11
73	Effect of gum arabic on glucose levels and microbial short-chain fatty acid production in white rice porridge model and mixed grain porridge model. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 6408-16	5.7	11
72	Purification and identification of novel antioxidative peptide released from Black-bone silky fowl (<i>Gallus gallus domesticus</i> Brisson). <i>European Food Research and Technology</i> , 2013 , 237, 253-263	3.4	11
71	Polysaccharide from the seeds of <i>Plantago asiatica</i> L. alleviates nonylphenol induced intestinal barrier injury by regulating tight junctions in human Caco-2 cell line. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 2134-2140	7.9	11

70	Exopolysaccharides from NCU116 Facilitate Intestinal Homeostasis by Modulating Intestinal Epithelial Regeneration and Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 7863-7873	5.7	11
69	Origin of Hypoglycemic Benefits of Probiotic-Fermented Carrot Pulp. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 895-904	5.7	11
68	Effect of fatty acids and triglycerides on the formation of lysine-derived advanced glycation end-products in model systems exposed to frying temperature.. <i>RSC Advances</i> , 2019 , 9, 15162-15170	3.7	10
67	Ascorbic acid induced degradation of polysaccharide from natural products: a review. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 483-491	7.9	10
66	Neonatal isoflavone exposure interferes with the reproductive system of female Wistar rats. <i>Toxicology Letters</i> , 2016 , 262, 39-48	4.4	10
65	Analysis and Formation of trans Fatty Acids in Corn Oil During the Heating Process. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2012 , 89, 859-867	1.8	10
64	Discrimination of Different Ganoderma Species and their Region Based on GC-MS Profiles of Sterols and Pattern Recognition Techniques. <i>Analytical Letters</i> , 2011 , 44, 863-873	2.2	10
63	Ganoderma atrum polysaccharide improves doxorubicin-induced cardiotoxicity in mice by regulation of apoptotic pathway in mitochondria. <i>Carbohydrate Polymers</i> , 2018 , 202, 581-590	10.3	10
62	Polysaccharide isolated from seeds of L. induces maturation of dendritic cells through MAPK and NF- κ B pathway. <i>Saudi Journal of Biological Sciences</i> , 2018 , 25, 1202-1207	4	9
61	Effect of fermentation and sterilization on anthocyanins in blueberry. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 1459-1466	4.3	9
60	Combined application of gallate ester and Tocopherol in oil-in-water emulsion: Their distribution and antioxidant efficiency. <i>Journal of Dispersion Science and Technology</i> , 2020 , 41, 909-917	1.5	9
59	Anabolic Activity of a Soy Extract and Three Major Isoflavones in C2C12 Myotubes. <i>Planta Medica</i> , 2018 , 84, 1022-1029	3.1	8
58	Effects of 4-nonylphenol isomers on cell receptors and mitogen-activated protein kinase pathway in mouse Sertoli TM4 cells. <i>Toxicology</i> , 2014 , 326, 1-8	4.4	8
57	Protective effect of Ganoderma atrum polysaccharides in acute lung injury rats and its metabolomics. <i>International Journal of Biological Macromolecules</i> , 2020 , 142, 693-704	7.9	8
56	Antioxidant and antibacterial capabilities of phenolic compounds and organic acids from cake. <i>Food Science and Biotechnology</i> , 2020 , 29, 17-25	3	8
55	Downregulation of steroid hormone receptor expression and activation of cell signal transduction pathways induced by a chiral nonylphenol isomer in mouse sertoli TM4 cells. <i>Environmental Toxicology</i> , 2017 , 32, 469-476	4.2	7
54	pH and lipid unsaturation impact the formation of acrylamide and 5-hydroxymethylfurfural in model system at frying temperature. <i>Food Research International</i> , 2019 , 123, 403-413	7	7
53	Comparison of the bacterial communities in home-made Nanfeng yancai with and without salt. <i>Food Research International</i> , 2019 , 125, 108509	7	7

52	Polysaccharide from the Seeds of <i>L. Protect Against Lipopolysaccharide-Induced Liver Injury. Journal of Medicinal Food</i> , 2019 , 22, 1058-1066	2.8	7
51	Nonylphenol regulates cyclooxygenase-2 expression via Ros-activated NF- κ B pathway in sertoli TM4 cells. <i>Environmental Toxicology</i> , 2015 , 30, 1144-52	4.2	7
50	Effect of replacement of lactose with partially hydrolysed rice syrup on small intestine development in weaned pigs from 7 to 21 days. <i>Journal of the Science of Food and Agriculture</i> , 2008 , 88, 1932-1938	4.3	7
49	Polysaccharides from fermented with NCU116 alleviated liver injury modulation of glutathione homeostasis, bile acid metabolism, and SCFA production. <i>Food and Function</i> , 2020 , 11, 7681-7695	6.1	7
48	Molecular properties and immunomodulatory activities of a water-soluble heteropolysaccharide isolated from <i>L. leaves. Natural Product Research</i> , 2019 , 33, 1678-1681	2.3	7
47	Metatranscriptomics reveals the gene functions and metabolic properties of the major microbial community during Chinese Sichuan Paocai fermentation. <i>Food Microbiology</i> , 2021 , 98, 103573	6	7
46	Determination of 3-Monochloropropane-1,2-Diol Esters in Edible Oil Method Validation and Estimation of Measurement Uncertainty. <i>Food Analytical Methods</i> , 2016 , 9, 845-855	3.4	6
45	<i>Ganoderma atrum</i> polysaccharide ameliorates anoxia/reoxygenation-mediated oxidative stress and apoptosis in human umbilical vein endothelial cells. <i>International Journal of Biological Macromolecules</i> , 2017 , 98, 398-406	7.9	6
44	Evaluation and comparison of the microbial communities and volatile profiles in homemade suansun from Guangdong and Yunnan provinces in China. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 5197-5206	4.3	6
43	Characteristics and catalytic behavior of different platinum supported catalysts in the selective hydrogenation of soybean oil. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017 , 122, 915-930	1.6	6
42	Physicochemical and rheological properties of pomelo albedo pectin and its interaction with konjac glucomannan. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 1205-1212	7.9	6
41	Acetylation Modification Improves Immunoregulatory Effect of Polysaccharide from Seeds of <i>Plantago asiatica</i> L.. <i>Journal of Chemistry</i> , 2018 , 2018, 1-10	2.3	6
40	Regulation of maturation and function of dendritic cells by tea glycoprotein. <i>European Food Research and Technology</i> , 2012 , 235, 1023-1032	3.4	5
39	Optimization of Supercritical Fluid Extraction of Essential Oil from <i>Herba Moslae</i> by Response Surface Methodology and Its Chemical Composition Analysis. <i>Food Science and Technology Research</i> , 2010 , 16, 185-190	0.8	5
38	Maillard reaction harmful products in dairy products: Formation, occurrence, analysis, and mitigation strategies.. <i>Food Research International</i> , 2022 , 151, 110839	7	5
37	Effects of fermentation with <i>Lactobacillus plantarum</i> NCU137 on nutritional, sensory and stability properties of Coix (<i>Coix lachryma-jobi</i> L.) seed. <i>Food Chemistry</i> , 2020 , 314, 126037	8.5	5
36	Inappropriateness of RNAlater to preserve for RNA extraction. <i>MethodsX</i> , 2019 , 6, 2460-2467	1.9	5
35	Polysaccharides from fermented <i>Momordica charantia</i> L. with <i>Lactobacillus plantarum</i> NCU116 ameliorate metabolic disorders and gut microbiota change in obese rats. <i>Food and Function</i> , 2021 , 12, 2617-2630	6.1	5

34	An isoflavone enriched diet increases skeletal muscle adaptation in response to physical activity in ovariectomized rats. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600843	5.9	4
33	Detection of Phytoestrogen Metabolites in Breastfed Infants' Urine and the Corresponding Breast Milk by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 3485-3494	5.7	4
32	Polysaccharide from the seeds of <i>Plantago asiatica</i> L. alleviates nonylphenol induced reproductive system injury of male rats via PI3K/Akt/mTOR pathway. <i>Journal of Functional Foods</i> , 2020 , 66, 103828	5.1	4
31	Hydrophobically Modified Glucan as an Amphiphilic Carbohydrate Polymer for Micellar Delivery of Myricetin. <i>Molecules</i> , 2019 , 24,	4.8	4
30	Interactions between <i>Lactobacillus plantarum</i> NCU116 and its environments based on extracellular proteins and polysaccharides prediction by comparative analysis. <i>Genomics</i> , 2020 , 112, 3579-3587	4.3	4
29	Probiotic fermentation modifies the structures of pectic polysaccharides from carrot pulp. <i>Carbohydrate Polymers</i> , 2021 , 251, 117116	10.3	4
28	Inhibitory effects of catechins on β -carbolines in tea leaves and chemical model systems. <i>Food and Function</i> , 2018 , 9, 3126-3133	6.1	3
27	Fetal and neonatal genistein exposure aggravates to interfere with ovarian follicle development of obese female mice induced by high-fat diet. <i>Food and Chemical Toxicology</i> , 2020 , 135, 110982	4.7	3
26	The Role of Neurotransmitters in the Protection of for Infection by. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 554052	5.9	3
25	Screening, Safety Evaluation, and Mechanism of Two Strains in Reducing the Translocation of in the Caco-2 Monolayer Model. <i>Frontiers in Microbiology</i> , 2020 , 11, 566473	5.7	3
24	Attenuation of intestinal inflammation of polysaccharides from the seeds of <i>Plantago asiatica</i> L. as affected by ultrasonication. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12656	3.3	3
23	Antioxidant and xanthine oxidase inhibitory activity of <i>Eucommia ulmoides</i> Oliver leaf extracts. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018 , 31, 1333-1339	0.4	3
22	Stability of potential prophages in commercial strain <i>Lactobacillus plantarum</i> NCU116 under various stressors. <i>Archives of Microbiology</i> , 2020 , 202, 1241-1250	3	2
21	Separation and Identification of Ergosta-4,6,8(14),22-tetraen-3-one from <i>Ganoderma atrum</i> by High-Speed Counter-Current Chromatography and Spectroscopic Methods. <i>Chromatographia</i> , 2008 , 67, 999-1001	2.1	2
20	Are Chinese edible oils safe? A survey of trans fatty acid contents in Chinese edible oils. <i>Food Science and Biotechnology</i> , 2016 , 25, 631-636	3	2
19	Isolation and structure characterization of glucuronoxylans from <i>Dolichos lablab</i> L. hull. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 1026-1036	7.9	2
18	Natural Antioxidants and Hydrocolloids as a Mitigation Strategy to Inhibit Advanced Glycation End Products (AGEs) and 5-Hydroxymethylfurfural (HMF) in Butter Cookies.. <i>Foods</i> , 2022 , 11,	4.9	2
17	Influence of Natural Polysaccharides on Intestinal Microbiota in Inflammatory Bowel Diseases: An Overview.. <i>Foods</i> , 2022 , 11,	4.9	2

16	Interaction between polysaccharides and toll-like receptor 4: Primary structural role, immune balance perspective, and 3D interaction model hypothesis. <i>Food Chemistry</i> , 2021 , 374, 131586	8.5	1
15	Short-term exposure to high relative humidity increases blood urea and influences colonic urea-nitrogen metabolism by altering the gut microbiota.. <i>Journal of Advanced Research</i> , 2022 , 35, 153-168	13.8	1
14	Isolation, Physicochemical Properties, and Structural Characteristics of Arabinoxylan from Hull-Less Barley. <i>Molecules</i> , 2021 , 26,	4.8	1
13	Enhanced oral bioavailability and tissue distribution of ferric citrate through liposomal encapsulation. <i>CYTA - Journal of Food</i> , 2016 , 1-7	2.3	1
12	Inhibitory mechanism of xanthine oxidase activity by caffeoylquinic acids in vitro. <i>International Journal of Biological Macromolecules</i> , 2021 , 184, 843-856	7.9	1
11	fecal fermentation characteristics of bamboo shoot () polysaccharide. <i>Food Chemistry: X</i> , 2021 , 11, 1001297	7.7	1
10	Effects of processing parameters on furan formation in canned strawberry jam. <i>Food Chemistry</i> , 2021 , 358, 129819	8.5	1
9	Effect of acidity regulators on acrylamide and 5-hydroxymethylfurfural formation in French fries: The dual role of pH and acid radical ion. <i>Food Chemistry</i> , 2022 , 371, 131154	8.5	1
8	Genistein interferes with antitumor effects of cisplatin in an ovariectomized breast cancer xenograft tumor model. <i>Toxicology Letters</i> , 2021 , 355, 106-115	4.4	0
7	4-[1-Ethyl-1-methylhexyl]-phenol induces apoptosis and interrupts Ca homeostasis via ROS pathway in Sertoli TM4 cells.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
6	The microbial succession and their correlation with the dynamics of flavor compounds involved in the natural fermentation of suansun, a traditional Chinese fermented bamboo shoots. <i>Food Research International</i> , 2022 , 111216	7	0
5	Preparation and Characterization of a Trypsin Inhibitor from Glycine max (L.) merr. <i>Journal of Food Processing and Preservation</i> , 2014 , 38, 2047-2054	2.1	
4	65 Exploring molecular mechanisms behind Lactobacillus protection offered to Caenorhabditis elegans: the role of neurotransmitters. <i>Journal of Animal Science</i> , 2020 , 98, 40-41	0.7	
3	Oxidative Stress and Apoptosis Contributed to Nonylphenol-Induced Cell Damage in Mouse NCTC Clone 1469 Cells. <i>Journal of Chemistry</i> , 2020 , 2020, 1-14	2.3	
2	The Change Mechanism of Structural Characterization and Thermodynamic Properties of Tannase from Aspergillus niger NL112 Under High Temperature. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 2225-2244	3.2	
1	Structural Characterization of a Low Molecular Weight HG-Type Pectin From Gougunao Green Tea.. <i>Frontiers in Nutrition</i> , 2022 , 9, 878249	6.2	