

Ming-Yong Xie

List of Publications by Year in Descending Order

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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 | Maillard reaction harmful products in dairy products: Formation, occurrence, analysis, and mitigation strategies.. <i>Food Research International</i> , 2022 , 151, 110839 | 7 | 5 |
| 248 | 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 | 1 |
| 247 | 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 |
| 246 | 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 |
| 245 | 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 |
| 244 | 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 |
| 243 | Influence of Natural Polysaccharides on Intestinal Microbiota in Inflammatory Bowel Diseases: An Overview.. <i>Foods</i> , 2022 , 11, | 4.9 | 2 |
| 242 | Structural Characterization of a Low Molecular Weight HG-Type Pectin From Gougunao Green Tea.. <i>Frontiers in Nutrition</i> , 2022 , 9, 878249 | 6.2 | |
| 241 | 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 |
| 240 | 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 |
| 239 | Applications of infrared spectroscopy in polysaccharide structural analysis: Progress, challenge and perspective. <i>Food Chemistry: X</i> , 2021 , 12, 100168 | 4.7 | 15 |
| 238 | The Change Mechanism of Structural Characterization and Thermodynamic Properties of Tannase from <i>Aspergillus niger</i> NL112 Under High Temperature. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 2225-2244 | 3.2 | |
| 237 | Isolation, Physicochemical Properties, and Structural Characteristics of Arabinoxylan from Hull-Less Barley. <i>Molecules</i> , 2021 , 26, | 4.8 | 1 |
| 236 | A review of NMR analysis in polysaccharide structure and conformation: Progress, challenge and perspective. <i>Food Research International</i> , 2021 , 143, 110290 | 7 | 42 |
| 235 | 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 |
| 234 | 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 |
| 233 | 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 |

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| 232 | Probiotic fermentation modifies the structures of pectic polysaccharides from carrot pulp. <i>Carbohydrate Polymers</i> , 2021 , 251, 117116 | 10.3 | 4 |
| 231 | 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 |
| 230 | 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 |
| 229 | 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 |
| 228 | Monosaccharide composition analysis of polysaccharides from natural sources: Hydrolysis condition and detection method development. <i>Food Hydrocolloids</i> , 2021 , 116, 106641 | 10.6 | 27 |
| 227 | <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 |
| 226 | 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 |
| 225 | fecal fermentation characteristics of bamboo shoot () polysaccharide. <i>Food Chemistry: X</i> , 2021 , 11, 1001247 | 4.7 | 1 |
| 224 | Effects of processing parameters on furan formation in canned strawberry jam. <i>Food Chemistry</i> , 2021 , 358, 129819 | 8.5 | 1 |
| 223 | 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 |
| 222 | <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 |
| 221 | <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 |
| 220 | 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 |
| 219 | 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 |
| 218 | 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 |
| 217 | 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 |
| 216 | 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 |
| 215 | 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 |

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| 214 | Effects of Nondigestible Oligosaccharides on Obesity. <i>Annual Review of Food Science and Technology</i> , 2020 , 11, 205-233 | 14.7 | 14 |
| 213 | Recent trends and applications of polysaccharides for microencapsulation of probiotics. <i>Food Frontiers</i> , 2020 , 1, 45-59 | 4.2 | 26 |
| 212 | Molecular properties and gut health benefits of enzyme-hydrolyzed konjac glucomannans. <i>Carbohydrate Polymers</i> , 2020 , 237, 116117 | 10.3 | 18 |
| 211 | Regulatory effects of Ganoderma atrum 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 |
| 210 | 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 | |
| 209 | Comparison of microbial communities and physicochemical characteristics of two traditionally fermented vegetables. <i>Food Research International</i> , 2020 , 128, 108755 | 7 | 28 |
| 208 | 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 |
| 207 | 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 |
| 206 | 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 |
| 205 | Effects of fermentation with Lactobacillus plantarum NCU137 on nutritional, sensory and stability properties of Coix (Coix lachryma-jobi L.) seed. <i>Food Chemistry</i> , 2020 , 314, 126037 | 8.5 | 5 |
| 204 | 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 |
| 203 | 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 |
| 202 | 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 |
| 201 | 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 |
| 200 | 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 |
| 199 | Intervention of five strains of Lactobacillus on obesity in mice induced by high-fat diet. <i>Journal of Functional Foods</i> , 2020 , 72, 104078 | 5.1 | 13 |
| 198 | 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 | |
| 197 | Polysaccharide from the seeds of Plantago asiatica 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 |

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| 196 | 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 |
| 195 | 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 |
| 194 | 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 |
| 193 | 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 |
| 192 | Antioxidant and antibacterial capabilities of phenolic compounds and organic acids from cake. <i>Food Science and Biotechnology</i> , 2020 , 29, 17-25 | 3 | 8 |
| 191 | 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 |
| 190 | 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 |
| 189 | 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 |
| 188 | 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 |
| 187 | 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 |
| 186 | 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 |
| 185 | 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 |
| 184 | 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 |
| 183 | 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 |
| 182 | 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 |
| 181 | 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 |
| 180 | Mucosal. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 9831-9839 | 5.7 | 21 |
| 179 | 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 |

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| 178 | Comparison of the bacterial communities in home-made Nanfeng yancai with and without salt. <i>Food Research International</i> , 2019 , 125, 108509 | 7 | 7 |
| 177 | Polysaccharide from the Seeds of <i>L. Protect</i> Against Lipopolysaccharide-Induced Liver Injury. <i>Journal of Medicinal Food</i> , 2019 , 22, 1058-1066 | 2.8 | 7 |
| 176 | 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 |
| 175 | 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 |
| 174 | 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 | 5.16 | 16 |
| 173 | Comparison of bacterial diversity in traditionally homemade paocai and Chinese spicy cabbage. <i>Food Microbiology</i> , 2019 , 83, 141-149 | 6 | 40 |
| 172 | Inappropriateness of RNAlater to preserve for RNA extraction. <i>MethodsX</i> , 2019 , 6, 2460-2467 | 1.9 | 5 |
| 171 | Hydrophobically Modified Glucan as an Amphiphilic Carbohydrate Polymer for Micellar Delivery of Myricetin. <i>Molecules</i> , 2019 , 24, | 4.8 | 4 |
| 170 | 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 |
| 169 | Prediction of fatty acid composition in camellia oil by ^1H NMR combined with PLS regression. <i>Food Chemistry</i> , 2019 , 279, 339-346 | 8.5 | 28 |
| 168 | Formation of N-(carboxymethyl)lysine and N-(carboxyethyl)lysine during black tea processing. <i>Food Research International</i> , 2019 , 121, 738-745 | 7 | 13 |
| 167 | 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 |
| 166 | Colloid chemistry approach to understand the storage stability of fermented carrot juice. <i>Food Hydrocolloids</i> , 2019 , 89, 623-630 | 10.6 | 13 |
| 165 | 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 |
| 164 | Origin of Hypoglycemic Benefits of Probiotic-Fermented Carrot Pulp. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 895-904 | 5.7 | 11 |
| 163 | Molecular properties and immunomodulatory activities of a water-soluble heteropolysaccharide isolated from <i>L. leaves</i> . <i>Natural Product Research</i> , 2019 , 33, 1678-1681 | 2.3 | 7 |
| 162 | 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 |
| 161 | Coix polysaccharides: Gut microbiota regulation and immunomodulatory. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2018 , 16, 53-61 | 3.4 | 23 |

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|-----|--|------|-----|
| 160 | 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 |
| 159 | Immunomodulatory effect of Ganoderma atrum polysaccharides on Th17/Treg balance. <i>Journal of Functional Foods</i> , 2018 , 45, 215-222 | 5.1 | 15 |
| 158 | Protective properties of combined fungal polysaccharides from Cordyceps sinensis and Ganoderma atrum on colon immune dysfunction. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 1049-1055 | 7.0 | 24 |
| 157 | Anabolic Activity of a Soy Extract and Three Major Isoflavones in C2C12 Myotubes. <i>Planta Medica</i> , 2018 , 84, 1022-1029 | 3.1 | 8 |
| 156 | Protective effect of flavonoids from Cyclocarya paliurus leaves against carbon tetrachloride-induced acute liver injury in mice. <i>Food and Chemical Toxicology</i> , 2018 , 119, 392-399 | 4.7 | 34 |
| 155 | Sulfated modification of polysaccharides: Synthesis, characterization and bioactivities. <i>Trends in Food Science and Technology</i> , 2018 , 74, 147-157 | 15.3 | 110 |
| 154 | Gastroprotective activity of polysaccharide from Hericium erinaceus 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 |
| 153 | Protective effects of a Ganoderma atrum 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 |
| 152 | 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 |
| 151 | Ultrasonic irradiation induces degradation and improves prebiotic properties of polysaccharide from seeds of Plantago asiatica L. during in vitro fermentation by human fecal microbiota. <i>Food Hydrocolloids</i> , 2018 , 76, 60-66 | 10.6 | 35 |
| 150 | Structural characterization of an α 1, 6-linked galactomannan from natural Cordyceps sinensis. <i>Food Hydrocolloids</i> , 2018 , 78, 77-91 | 10.6 | 18 |
| 149 | Enzymatic purification and structure characterization of glucuronoxylan from water extract of Cassia obtusifolia seeds. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 1438-1446 | 7.9 | 11 |
| 148 | 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 |
| 147 | An acidic heteropolysaccharide from Mesona chinensis: Rheological properties, gelling behavior and texture characteristics. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 1591-1598 | 7.9 | 44 |
| 146 | Isolation, purification and physicochemical properties of polysaccharide from fruiting body of Hericium erinaceus and its effect on colonic health of mice. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 1310-1319 | 7.9 | 38 |
| 145 | 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 |
| 144 | Correlation between microbiota and flavours in fermentation of Chinese Sichuan Paocai. <i>Food Research International</i> , 2018 , 114, 123-132 | 7 | 83 |
| 143 | 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 |

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|-----|--|------|----|
| 142 | 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 |
| 141 | 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 |
| 140 | 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 |
| 139 | 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 |
| 138 | Fucoidan Extracted from the New Zealand -Physicochemical Comparison against Five Other Fucoidans: Unique Low Molecular Weight Fraction Bioactivity in Breast Cancer Cell Lines. <i>Marine Drugs</i> , 2018 , 16, | 6 | 29 |
| 137 | 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 |
| 136 | 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 |
| 135 | Cell Signaling of in Response to Enterotoxigenic Infection and Protection. <i>Frontiers in Immunology</i> , 2018 , 9, 1745 | 8.4 | 18 |
| 134 | <i>Ganoderma atrum</i> 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 |
| 133 | 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 |
| 132 | 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 |
| 131 | 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 |
| 130 | Metabolism and health effects of phyto-estrogens. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 2432-2454 | 11.5 | 22 |
| 129 | Interaction between gut immunity and polysaccharides. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 2943-2955 | 11.5 | 38 |
| 128 | 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 |
| 127 | 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 |
| 126 | Review on cell models to evaluate the potential antioxidant activity of polysaccharides. <i>Food and Function</i> , 2017 , 8, 915-926 | 6.1 | 55 |
| 125 | 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 |

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|-----|---|------|----|
| 124 | 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 |
| 123 | Immunomodulatory effects of an acetylated <i>Cyclocarya paliurus</i> polysaccharide on murine macrophages RAW264.7. <i>International Journal of Biological Macromolecules</i> , 2017 , 98, 576-581 | 7.9 | 87 |
| 122 | <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 |
| 121 | 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 |
| 120 | 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 |
| 119 | Gastroprotective effect of gamma-aminobutyric acid against ethanol-induced gastric mucosal injury. <i>Chemico-Biological Interactions</i> , 2017 , 272, 125-134 | 5 | 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 | 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 |
| 116 | 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 |
| 115 | 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 |
| 114 | <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 |
| 113 | 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 |
| 112 | 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 |
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| 110 | (-)-Epigallocatechin-3-gallate alleviates doxorubicin-induced cardiotoxicity in sarcoma 180 tumor-bearing mice. <i>Life Sciences</i> , 2017 , 180, 151-159 | 6.8 | 28 |
| 109 | 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 |
| 108 | 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 |
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| 105 | Nutrients, phytochemicals and antioxidant activities of 26 kidney bean cultivars. <i>Food and Chemical Toxicology</i> , 2017 , 108, 467-477 | 4.7 | 33 |
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| 103 | 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 |
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| 100 | 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 |
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| 93 | Sulfated modification, characterization and antioxidant activities of polysaccharide from <i>Cyclocarya paliurus</i> . <i>Food Hydrocolloids</i> , 2016 , 53, 7-15 | 10.6 | 180 |
| 92 | <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 |
| 91 | Effects of salt concentration on Chinese sauerkraut fermentation. <i>LWT - Food Science and Technology</i> , 2016 , 69, 169-174 | 5.4 | 62 |
| 90 | 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 |
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| 88 | Lactobacillus plantarum 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 |
| 87 | 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 |
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| 63 | 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 |
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| 59 | 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 |
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| 45 | 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 |
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