

Zhenjun Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

728
citations

516215

16
h-index

610482

24
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24
all docs

24
docs citations

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times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfated Polysaccharide from Sea Cucumber and its Depolymerized Derivative Prevent Obesity in Association with Modification of Gut Microbiota in High-Fat Diet-Fed Mice. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800446.	1.5	128
2	Gut Microbiota Community and Its Assembly Associated with Age and Diet in Chinese Centenarians. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1195-1204.	0.9	125
3	Sulfated polysaccharide from sea cucumber modulates the gut microbiota and its metabolites in normal mice. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 502-512.	3.6	57
4	Health effects of dietary sulfated polysaccharides from seafoods and their interaction with gut microbiota. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 2882-2913.	5.9	36
5	Polysaccharide from <i>Agrocybe cylindracea</i> prevents diet-induced obesity through inhibiting inflammation mediated by gut microbiota and associated metabolites. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1430-1438.	3.6	36
6	Physicochemical characterization and bile acid-binding capacity of water-extract polysaccharides fractionated by stepwise ethanol precipitation from <i>Caulerpa lentillifera</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 150, 654-661.	3.6	35
7	Nutrient Intake Is Associated with Longevity Characterization by Metabolites and Element Profiles of Healthy Centenarians. <i>Nutrients</i> , 2016, 8, 564.	1.7	33
8	Structural Features and Digestive Behavior of Fucosylated Chondroitin Sulfate from Sea Cucumbers <i>Stichopus japonicus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10534-10542.	2.4	27
9	Preparation of Antioxidant Protein Hydrolysates from <i>Pleurotus geesteranus</i> and Their Protective Effects on H ₂ O ₂ Oxidative Damaged PC12 Cells. <i>Molecules</i> , 2020, 25, 5408.	1.7	24
10	Structural characterization and anticoagulant activity of two polysaccharides from <i>Patinopecten yessoensis</i> viscera. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 579-585.	3.6	23
11	Hypolipidemic effect of <i>Youcha</i> in hyperlipidemia rats induced by high-fat diet. <i>Food and Function</i> , 2017, 8, 1680-1687.	2.1	22
12	Development and application of a HPLC-MS/MS method for quantitation of fucosylated chondroitin sulfate and fucoidan in sea cucumbers. <i>Carbohydrate Research</i> , 2018, 466, 11-17.	1.1	22
13	The complete genome sequence of <i>Bifidobacterium longum</i> LTBL16, a potential probiotic strain from healthy centenarians with strong antioxidant activity. <i>Genomics</i> , 2020, 112, 769-773.	1.3	22
14	Characterization of selenium-containing polysaccharide from <i>Spirulina platensis</i> and its protective role against Cd-induced toxicity. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2465-2476.	3.6	22
15	Polysaccharides from <i>Cordyceps militaris</i> prevent obesity in association with modulating gut microbiota and metabolites in high-fat diet-fed mice. <i>Food Research International</i> , 2022, 157, 111197.	2.9	22
16	Novel Selenium Peptides Obtained from Selenium-Enriched <i>Cordyceps militaris</i> Alleviate Neuroinflammation and Gut Microbiota Dysbacteriosis in LPS-Injured Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3194-3206.	2.4	21
17	Distribution of uronic acid-containing polysaccharides in 5 species of shellfishes. <i>Carbohydrate Polymers</i> , 2017, 164, 195-199.	5.1	15
18	Effects of bottom sediment on the accumulation of nutrients in the edible green seaweed <i>Caulerpa lentillifera</i> (sea grapes). <i>Journal of Applied Phycology</i> , 2020, 32, 705-716.	1.5	14

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19	Compositional analysis of sulfated polysaccharides from sea cucumber (<i>Stichopus japonicus</i>) released by autolysis reaction. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 420-425.	3.6	13
20	Whole <i>Agrocybe cylindracea</i> Prevented Obesity Linking with Modification of Gut Microbiota and Associated Fecal Metabolites in High-Fat Diet-Fed Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100897.	1.5	7
21	Physicochemical Characterization and Antioxidant and Hypolipidaemic Activities of a Polysaccharide From the Fruit of <i>Kadsura coccinea</i> (Lem.) A. C. Smith. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	7
22	Distribution analysis of polysaccharides comprised of uronic acid-hexose/hexosamine repeating units in various shellfish species. <i>Glycoconjugate Journal</i> , 2018, 35, 537-545.	1.4	6
23	Controlled PAH-mediated method with enhanced optical properties for simple, stable immunochromatographic assays. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114150.	5.3	6
24	Whole-plant foods and their macromolecules: untapped approaches to modulate neuroinflammation in Alzheimer's disease. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 2388-2406.	5.4	5