

Xiaoling Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

845
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

767
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the application of metabolomics for food safety control and food quality analyses. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1448-1469.	10.3	186
2	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.	3.3	128
3	Particulate nanocomposite from oyster (<i>Crassostrea rivularis</i>) hydrolysates via zinc chelation improves zinc solubility and peptide activity. <i>Food Chemistry</i> , 2018, 258, 269-277.	8.2	79
4	Taste, umami-enhance effect and amino acid sequence of peptides separated from silkworm pupa hydrolysate. <i>Food Research International</i> , 2018, 108, 144-150.	6.2	61
5	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.	7.5	57
6	Alcalase-hydrolyzed oyster (<i>Crassostrea rivularis</i>) meat enhances antioxidant and aphrodisiac activities in normal male mice. <i>Food Research International</i> , 2019, 120, 178-187.	6.2	47
7	Research progress on the biological activities of selenium polysaccharides. <i>Food and Function</i> , 2020, 11, 4834-4852.	4.6	47
8	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.	7.5	35
9	Production of welan gum from cane molasses by <i>Sphingomonas</i> sp. FM01. <i>Carbohydrate Polymers</i> , 2020, 244, 116485.	10.2	28
10	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.	5.2	27
11	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.	2.3	22
12	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.	7.5	22
13	Elucidation of interactions between gelatin aggregates and hsian-tiao gum in aqueous solutions. <i>Food Chemistry</i> , 2020, 319, 126532.	8.2	20
14	Determination of the Volatiles in Fermented Bamboo Shoots by Head Space Solid-Phase Micro Extraction (HS-SPME) with Gas Chromatography-Olfactory Mass Spectrometry (GC-O-MS) and Aroma Extract Dilution Analysis (AEDA). <i>Analytical Letters</i> , 2021, 54, 1162-1179.	1.8	17
15	Change Regularity of Taste and the Performance of Endogenous Proteases in Shrimp (<i>Penaens</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.3	15
16	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.	2.8	14
17	Extracting bio-zinc and taurine from <i>Pinctada martensii</i> meat. <i>Journal of Food Science</i> , 2020, 85, 1125-1131.	3.1	10
18	Effect of an inorganic nitrogen source (NH ₄) ₂ SO ₄ on the production of welan gum from <i>Sphingomonas</i> sp. mutant obtained through UV-ARTP compound mutagenesis. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 630-638.	7.5	10

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19	Production and identification of peptides with activity promoting osteoblast proliferation from meat dregs of <i>Pinctada martensii</i> . <i>Journal of Food Biochemistry</i> , 2021, 45, e13890.	2.9	7
20	Purification and anti-inflammatory effect of selenium-containing protein fraction from selenium-enriched <i>Spirulina platensis</i> . <i>Food Bioscience</i> , 2022, 45, 101469.	4.4	6
21	Effect of NaCl addition on the production of welan gum with the UV mutant of <i>Sphingomonas</i> sp. <i>Carbohydrate Polymers</i> , 2021, 265, 118110.	10.2	5
22	Quantitative proteome analysis revealed metabolic changes in <i>Arthrospira platensis</i> in response to selenium stress. <i>European Food Research and Technology</i> , 2022, 248, 839-856.	3.3	2