

# Hui-Ping Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

624  
citations

686830

13  
h-index

610482

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of a Novel Cold-Water-Soluble Polysaccharide from <i>Astragalus membranaceus</i> and Its Antitumor and Immunological Activities. <i>Molecules</i> , 2018, 23, 62.	1.7	71
2	CML20, an Arabidopsis Calmodulin-like Protein, Negatively Regulates Guard Cell ABA Signaling and Drought Stress Tolerance. <i>Frontiers in Plant Science</i> , 2017, 8, 824.	1.7	62
3	Mitochondrial Pyruvate Carriers Prevent Cadmium Toxicity by Sustaining the TCA Cycle and Glutathione Synthesis. <i>Plant Physiology</i> , 2019, 180, 198-211.	2.3	51
4	A cold-water soluble polysaccharide isolated from <i>Grifola frondosa</i> induces the apoptosis of HepG2 cells through mitochondrial passway. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 1232-1241.	3.6	49
5	Structural characterization of a novel polysaccharide from <i>Pleurotus citrinopileatus</i> and its antitumor activity on H22 tumor-bearing mice. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 251-260.	3.6	47
6	Chemical and structural changes in preserved white egg during pickled by vacuum technology. <i>Food Science and Technology International</i> , 2013, 19, 123-131.	1.1	34
7	Structural characterization of an acid polysaccharide from <i>Pinellia ternata</i> and its induction effect on apoptosis of Hep G2 cells. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 451-460.	3.6	32
8	Isolation of a novel calcium-binding peptide from phosvitin hydrolysates and the study of its calcium chelation mechanism. <i>Food Research International</i> , 2021, 141, 110169.	2.9	32
9	Purification, Preliminary Structure and Antitumor Activity of Exopolysaccharide Produced by <i>Streptococcus thermophilus</i> CH9. <i>Molecules</i> , 2018, 23, 2898.	1.7	31
10	Calcium-dependent protein kinase CPK9 negatively functions in stomatal abscisic acid signaling by regulating ion channel activity in Arabidopsis. <i>Plant Molecular Biology</i> , 2019, 99, 113-122.	2.0	28
11	Optimization of extraction process, characterization and antioxidant activities of polysaccharide from <i>Leucopaxillus giganteus</i> . <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 2842-2853.	1.6	19
12	Mechanical properties and water sensitivity of soybean protein isolate film improved by incorporation of sodium caseinate and transglutaminase. <i>Progress in Organic Coatings</i> , 2021, 153, 106154.	1.9	19
13	Immunological and anticancer activities of seleno-ovalbumin (Se-OVA) on H22-bearing mice. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 657-665.	3.6	14
14	The Structural Characterization of a Novel Water-Soluble Polysaccharide from Edible Mushroom <i>Leucopaxillus giganteus</i> and Its Antitumor Activity on H22 Tumor-Bearing Mice. <i>Chemistry and Biodiversity</i> , 2021, 18, e2001010.	1.0	14
15	A ras-related small GTP-binding protein, RabE1c, regulates stomatal movements and drought stress responses by mediating the interaction with ABA receptors. <i>Plant Science</i> , 2021, 306, 110858.	1.7	14
16	Optimization of the Steam Explosion Pretreatment Effect on Total Flavonoids Content and Antioxidative Activity of Seabuckthorn Pomace by Response Surface Methodology. <i>Molecules</i> , 2019, 24, 60.	1.7	13
17	The Cyclophilin ROC3 Regulates ABA-Induced Stomatal Closure and the Drought Stress Response of <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 668792.	1.7	11
18	The Structural Characteristics of an Acidic Water-Soluble Polysaccharide from <i>Bupleurum chinense</i> DC and Its In Vivo Anti-Tumor Activity on H22 Tumor-Bearing Mice. <i>Polymers</i> , 2022, 14, 1119.	2.0	11

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19	Postirradiation changes of the microbiological quality, aflatoxin, capsinoids, volatile oils, and the color of red pepper powder. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13522.	0.9	10
20	A novel pumpkin seeds protein-pea starch edible film: mechanical, moisture distribution, surface hydrophobicity, UV-barrier properties and potential application. <i>Materials Research Express</i> , 2019, 6, 125355.	0.8	10
21	Purification and Identification of Pine Nut ( <i>Pinus yunnanensis</i> Franch.) Protein Hydrolysate and Its Antioxidant Activity <i>in Vitro</i> and <i>in Vivo</i> . <i>Chemistry and Biodiversity</i> , 2021, 18, e2000710.	1.0	10
22	A novel polysaccharide from <i>Hericium erinaceus</i> : Preparation, structural characteristics, thermal stabilities, and antioxidant activities <i>in vitro</i> . <i>Journal of Food Biochemistry</i> , 2021, 45, e13871.	1.2	10
23	A "on-off-on" fluorescent probe for sensitive detection of Fe <sup>3+</sup> and ascorbic acid by cross-linking agent protected carbon dots. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 243-253.	1.8	7
24	Immunological activities of polysaccharide extracted from <i>Elaeagnus angustifolia</i> L.. <i>CYTA - Journal of Food</i> , 2018, 16, 995-1002.	0.9	6
25	The Inhibition of Gastric Cancer Cells' Progression by 23,24-Dihydrocucurbitacin E through Disruption of the Ras/Raf/ERK/MMP9 Signaling Pathway. <i>Molecules</i> , 2022, 27, 2697.	1.7	5
26	Comparative study on Tianjin and Baiyangdian preserved eggs pickled by vacuum technology. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14405.	0.9	4
27	Purification and identification of dual-enzyme hydrolysates obtained from defatted walnut and its antioxidant effects on d-galactose-induced aging mice. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 1034-1043.	1.6	4
28	Apoptosis of hepatocellular carcinoma HepG2 cells induced by seleno-ovalbumin (Se-OVA) via mitochondrial pathway. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 82-89.	3.6	3
29	Physical, Chemical Properties and Structural Changes of Zaodan Pickled by Vacuum Decompression Technology. <i>Korean Journal for Food Science of Animal Resources</i> , 2018, 38, 291-301.	1.5	1
30	Novel Triterpenoid Alkaloids With Their Potential Cytotoxic Activity From the Roots of <i>Siraitia grosvenorii</i> . <i>Frontiers in Chemistry</i> , 2022, 10, 885487.	1.8	1
31	Structural Characterization and Anti-breast Cancer Activity <i>in vitro</i> of a Novel Polysaccharide From <i>Cymbopogon citratus</i> . <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	1