Jiu-Liang Zhang

List of Publications by Year in Descending Order

53 papers	871 citations	17 h-index	27 g-index
57 ext. papers	1,170 ext. citations	5.4 avg, IF	4.55 L-index

#	Paper	IF	Citations
53	Black rice anthocyanins alleviate hyperuricemia in mice: Possible inhibitory effects on xanthine oxidase activity by cyanidin 3-O-glucoside. *Journal of Cereal Science*, **2022**, 104, 103406	3.8	1
52	The underlying mechanism of A-type procyanidins from peanut skin on DSS-induced ulcerative colitis mice by regulating gut microbiota and metabolism.. *Journal of Food Biochemistry*, **2022**, e14103	3.3	1
51	Peanut skin extract ameliorates high-fat diet-induced atherosclerosis by regulating lipid metabolism, inflammation reaction and gut microbiota in ApoE mice.. *Food Research International*, **2022**, 154, 111014	7	3
50	Metabolomics reveals that phenolamides are the main chemical components contributing to the anti-tyrosinase activity of bee pollen.. *Food Chemistry*, **2022**, 389, 133071	8.5	0
49	Widely targeted metabolomics analysis reveals the effect of fermentation on the chemical composition of bee pollen.. *Food Chemistry*, **2021**, 375, 131908	8.5	2
48	Procyanidin A and its digestive products prevent acrylamide-induced intestinal barrier dysfunction the MAPK-mediated MLCK pathway. *Food and Function*, **2021**, 12, 11956-11965	6.1	1
47	Enzymolysis peptides from Mauremys mutica plastron improve the disorder of neurotransmitter system and facilitate sleep-promoting in the PCPA-induced insomnia mice. *Journal of Ethnopharmacology*, **2021**, 274, 114047	5	2
46	Protective effect of procyanidin A-type dimers against HO-induced oxidative stress in prostate DU145 cells through the MAPKs signaling pathway. *Life Sciences*, **2021**, 266, 118908	6.8	2
45	Triterpenoid acids from medicinal mushroom Inonotus obliquus (Chaga) alleviate hyperuricemia and inflammation in hyperuricemic mice: Possible inhibitory effects on xanthine oxidase activity. *Journal of Food Biochemistry*, **2021**, e13932	3.3	1
44	Inhibition mechanism of diacylated anthocyanins from purple sweet potato (Ipomoea batatas L.) against □amylase and □glucosidase. *Food Chemistry*, **2021**, 359, 129934	8.5	4
43	Separation and Characterization of Phenolamines and Flavonoids from Rape Bee Pollen, and Comparison of Their Antioxidant Activities and Protective Effects Against Oxidative Stress. *Molecules*, **2020**, 25,	4.8	16
42	Application of a Novel Phage LPSEYT for Biological Control of in Foods. *Microorganisms*, **2020**, 8,	4.9	14
41	C-ring cleavage metabolites of catechin and epicatechin enhanced antioxidant activities through intestinal microbiota. *Food Research International*, **2020**, 135, 109271	7	23
40	lncRNA HOXB-AS3 protects doxorubicin-induced cardiotoxicity by targeting miRNA-875-3p. *Experimental and Therapeutic Medicine*, **2020**, 19, 1388-1392	2.1	4
39	Interaction mechanism between □glucosidase and A-type trimer procyanidin revealed by integrated spectroscopic analysis techniques. *International Journal of Biological Macromolecules*, **2020**, 143, 173-180	7.9	9
38	Targets and mechanisms of dietary anthocyanins to combat hyperglycemia and hyperuricemia: a comprehensive review. *Critical Reviews in Food Science and Nutrition*, **2020**, 1-25	11.5	3
37	Hypouricemic effect in hyperuricemic mice and xanthine oxidase inhibitory mechanism of dietary anthocyanins from purple sweet potato (Ipomoea batatas L.). *Journal of Functional Foods*, **2020**, 73, 104151	5.1	13

36	Synergistic inhibitory effects of procyanidin B and catechin on acrylamide in food matrix. *Food Chemistry*, **2019**, 296, 94-99	8.5	6
35	Highly Acylated Anthocyanins from Purple Sweet Potato (Ipomoea batatas L.) Alleviate Hyperuricemia and Kidney Inflammation in Hyperuricemic Mice: Possible Attenuation Effects on Allopurinol. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 6202-6211	5.7	25
34	Stability and antioxidant activity of anthocyanins from purple sweet potato (Ipomoea batatas L. cultivar Eshu No. 8) subjected to simulated in□vitro gastrointestinal digestion. *International Journal of Food Science and Technology*, **2019**, 54, 2604-2614	3.8	10
33	Effect of ultrasonic and ball-milling treatment on cell wall, nutrients, and antioxidant capacity of rose (Rosa rugosa) bee pollen, and identification of bioactive components. *Journal of the Science of Food and Agriculture*, **2019**, 99, 5350-5357	4.3	12
32	Intervention on immunodeficiency mice and structural identification of enzymatic peptides from Mauremys mutica and Cuora trifasciata. *Journal of Ethnopharmacology*, **2019**, 241, 111920	5	2
31	Comparisons of carbohydrate-utilizing enzymes inhibitory effects and chemical profiles of five deeply colored food extracts. *Journal of Food Biochemistry*, **2019**, 43, e13069	3.3	2
30	Anti-alcoholic effects of honeys from different floral origins and their correlation with honey chemical compositions. *Food Chemistry*, **2019**, 286, 608-615	8.5	9
29	Combination of honey with metformin enhances glucose metabolism and ameliorates hepatic and nephritic dysfunction in STZ-induced diabetic mice. *Food and Function*, **2019**, 10, 7576-7587	6.1	6
28	Anthocyanin extracts of lingonberry (Vaccinium vitis-idaea L.) attenuate serum lipids and cholesterol metabolism in HCD-induced hypercholesterolaemic male mice. *International Journal of Food Science and Technology*, **2019**, 54, 1576-1587	3.8	5
27	Isolation and identification of two major acylated anthocyanins from purple sweet potato (Ipomoea batatas L. cultivar Eshu No. 8) by UPLC-QTOF-MS/MS and NMR. *International Journal of Food Science and Technology*, **2018**, 53, 1932-1941	3.8	19
26	Procyanidin from peanut skin induces antiproliferative effect in human prostate carcinoma cells DU145. *Chemico-Biological Interactions*, **2018**, 288, 12-23	5	14
25	Biochemical properties, antibacterial and cellular antioxidant activities of buckwheat honey in comparison to manuka honey. *Food Chemistry*, **2018**, 252, 243-249	8.5	81
24	Evaluation of structure and bioprotective activity of key high molecular weight acylated anthocyanin compounds isolated from the purple sweet potato (Ipomoea batatas L. cultivar Eshu No.8). *Food Chemistry*, **2018**, 241, 23-31	8.5	24
23	A comparative study on the adsorption and desorption characteristics of flavonoids from honey by six resins. *Food Chemistry*, **2018**, 268, 424-430	8.5	18
22	Identification and mechanism of effective components from rape (Brassica napus L.) bee pollen on serum uric acid level and xanthine oxidase activity. *Journal of Functional Foods*, **2018**, 47, 241-251	5.1	13
21	Beneficial Effects of Poplar Buds on Hyperglycemia, Dyslipidemia, Oxidative Stress, and Inflammation in Streptozotocin-Induced Type-2 Diabetes. *Journal of Immunology Research*, **2018**, 2018, 7245956	4.5	14
20	Interaction between sorghum procyanidin tetramers and the catalytic region of glucosyltransferases-I from Streptococcus mutans UA159. *Food Research International*, **2018**, 112, 152-159	7	5
19	Study on interaction between human salivary □amylase and sorghum procyanidin tetramer: Binding characteristics and structural analysis. *International Journal of Biological Macromolecules*, **2018**, 118, 1136-1141	7.9	12

18	Characterization and hepatoprotective activity of anthocyanins from purple sweet potato (Ipomoea batatas L. cultivar Eshu No. 8). *Journal of Food and Drug Analysis*, **2017**, 25, 607-618	7	31
17	Comparison and screening of bioactive phenolic compounds in different blueberry cultivars: Evaluation of anti-oxidation and □glucosidase inhibition effect. *Food Research International*, **2017**, 100, 312-324	7	36
16	NS1643 enhances ionic currents in a G604S-WT hERG co-expression system associated with long QT syndrome 2. *Clinical and Experimental Pharmacology and Physiology*, **2017**, 44, 1125-1133	3	2
15	Screening of effective xanthine oxidase inhibitors in dietary anthocyanins from purple sweet potato (Ipomoea batatas L. Cultivar Eshu No.8) and deciphering of the underlying mechanisms in vitro. *Journal of Functional Foods*, **2017**, 36, 102-111	5.1	26
14	High performance liquid chromatography (HPLC) fingerprints and primary structure identification of corn peptides by HPLC-diode array detection and HPLC-electrospray ionization tandem mass spectrometry. *Journal of Food and Drug Analysis*, **2016**, 24, 95-104	7	11
13	Enhanced anti-inflammatory effects of DHA and quercetin in lipopolysaccharide-induced RAW264.7 macrophages by inhibiting NF-□B and MAPK activation. *Molecular Medicine Reports*, **2016**, 14, 499-508	2.9	25
12	Inhibitory effect of Gardenblue blueberry (Vaccinium ashei Reade) anthocyanin extracts on lipopolysaccharide-stimulated inflammatory response in RAW 264.7 cells. *Journal of Zhejiang University: Science B*, **2016**, 17, 425-36	4.5	15
11	Curcumin liposomes prepared with milk fat globule membrane phospholipids and soybean lecithin. *Journal of Dairy Science*, **2016**, 99, 1780-1790	4	57
10	Protective effect of extract of Mauremys mutica against cyclophosphamide (CY)-induced suppression of immune function in mice. *Food and Agricultural Immunology*, **2016**, 27, 577-588	2.9	10
9	Effects of anthocyanins from purple sweet potato (Ipomoea batatas L. cultivar Eshu No. 8) on the serum uric acid level and xanthine oxidase activity in hyperuricemic mice. *Food and Function*, **2015**, 6, 3045-55	6.1	58
8	Anti-diabetic effects of polysaccharides from Talinum triangulare in streptozotocin (STZ)-induced type 2 diabetic male mice. *International Journal of Biological Macromolecules*, **2015**, 72, 575-9	7.9	46
7	Antitumor efficacy in H22 tumor bearing mice and immunoregulatory activity on RAW 264.7 macrophages of polysaccharides from Talinum triangulare. *Food and Function*, **2014**, 5, 2183-93	6.1	26
6	No genetic alterations in infants from intracytoplasmic sperm injection in combination with artificial oocyte activation: a pilot study. *Chinese Medical Journal*, **2014**, 127, 383-5	2.9	2
5	Apoptosis in human hepatoma HepG2 cells induced by corn peptides and its anti-tumor efficacy in H22 tumor bearing mice. *Food and Chemical Toxicology*, **2013**, 51, 297-305	4.7	64
4	Low HDL-C predicts risk and PCI outcomes in the Han Chinese population. *Atherosclerosis*, **2013**, 226, 193-7	3.1	8
3	Corn peptides protect against thioacetamide-induced hepatic fibrosis in rats. *Journal of Medicinal Food*, **2013**, 16, 912-9	2.8	24
2	Addictive evaluation of cholic acid-verticinone ester, a potential cough therapeutic agent with agonist action of opioid receptor. *Acta Pharmacologica Sinica*, **2009**, 30, 559-66	8	15
1	Structural analysis and antitussive evaluation of five novel esters of verticinone and bile acids. *Steroids*, **2009**, 74, 424-34	2.8	30