# Jiu-Liang Zhang

## List of Publications by Citations



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| 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 | Biochemical properties, antibacterial and cellular antioxidant activities of buckwheat honey in comparison to manuka honey. *Food Chemistry*, **2018**, 252, 243-249 | 8.5 | 81 |
| 52 | 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 |
| 51 | 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 |
| 50 | Curcumin liposomes prepared with milk fat globule membrane phospholipids and soybean lecithin. *Journal of Dairy Science*, **2016**, 99, 1780-1790 | 4 | 57 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | Structural analysis and antitussive evaluation of five novel esters of verticinone and bile acids. *Steroids*, **2009**, 74, 424-34 | 2.8 | 30 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | Corn peptides protect against thioacetamide-induced hepatic fibrosis in rats. *Journal of Medicinal Food*, **2013**, 16, 912-9 | 2.8 | 24 |
| 39 | C-ring cleavage metabolites of catechin and epicatechin enhanced antioxidant activities through intestinal microbiota. *Food Research International*, **2020**, 135, 109271 | 7 | 23 |
| 38 | 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 |
| 37 | 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 |

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| 36 | 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 |
| 35 | 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 |
| 34 | 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 |
| 33 | Application of a Novel Phage LPSEYT for Biological Control of in Foods. *Microorganisms*, **2020**, 8, | 4.9 | 14 |
| 32 | Procyanidin from peanut skin induces antiproliferative effect in human prostate carcinoma cells DU145. *Chemico-Biological Interactions*, **2018**, 288, 12-23 | 5 | 14 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | Study on interaction between human salivary α-amylase and sorghum procyanidin tetramer: Binding characteristics and structural analysis. *International Journal of Biological Macromolecules*, **2018**, 118, 1136-1141 | 7.9 | 12 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | Interaction mechanism between β-glucosidase and A-type trimer procyanidin revealed by integrated spectroscopic analysis techniques. *International Journal of Biological Macromolecules*, **2020**, 143, 173-180 | 7.9 | 9 |
| 22 | 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 |
| 21 | Low HDL-C predicts risk and PCI outcomes in the Han Chinese population. *Atherosclerosis*, **2013**, 226, 193-7 | 3.1 | 8 |
| 20 | Synergistic inhibitory effects of procyanidin B and catechin on acrylamide in food matrix. *Food Chemistry*, **2019**, 296, 94-99 | 8.5 | 6 |
| 19 | 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 |

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| 18 | 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 |
| 17 | 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 |
| 16 | lncRNA HOXB-AS3 protects doxorubicin-induced cardiotoxicity by targeting miRNA-875-3p. *Experimental and Therapeutic Medicine*, **2020**, 19, 1388-1392 | 2.1 | 4 |
| 15 | Inhibition mechanism of diacylated anthocyanins from purple sweet potato (Ipomoea batatas L.) against α-amylase and α-glucosidase. *Food Chemistry*, **2021**, 359, 129934 | 8.5 | 4 |
| 14 | 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 |
| 13 | 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 |
| 12 | Intervention on immunodeficiency mice and structural identification of enzymatic peptides from Mauremys mutica and Cuora trifasciata. *Journal of Ethnopharmacology*, **2019**, 241, 111920 | 5 | 2 |
| 11 | 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 |
| 10 | 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 |
| 9 | Widely targeted metabolomics analysis reveals the effect of fermentation on the chemical composition of bee pollen.. *Food Chemistry*, **2021**, 375, 131908 | 8.5 | 2 |
| 8 | 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 |
| 7 | 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 |
| 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 | 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 |
| 4 | 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 |
| 3 | 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 |
| 2 | 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 |
| 1 | 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 |