Xue-Wu Zhang

List of Publications by Year in Descending Order

39 papers	822 citations	17 h-index	28 g-index
41 ext. papers	1,050 ext. citations	4.7 avg, IF	4.78 L-index

#	Paper	IF	Citations
39	Production of Dual Inhibitory Hydrolysate by Enzymatic Hydrolysis of Squid Processing By-product.. *Marine Biotechnology*, **2022**, 24, 293	3.4	
38	Glucose-lowering activity of dark tea protein extract by modulating spleen-brain axis of diabetic mice. *British Journal of Nutrition*, **2021**, 126, 961-969	3.6	1
37	Identification of monoamine oxidases inhibitory peptides from soybean protein hydrolysate through ultrafiltration purification and in silico studies. *Food Bioscience*, **2021**, 44, 101355	4.9	2
36	Magnetic Solid-Phase Extraction Based on Magnetic Sulfonated Reduced Graphene Oxide for HPLC-MS/MS Analysis of Illegal Basic Dyes in Foods.. *Molecules*, **2021**, 26,	4.8	1
35	In silico evaluation of marine fish proteins as nutritional supplements for COVID-19 patients. *Food and Function*, **2020**, 11, 5565-5572	6.1	10
34	Separation and identification of enzyme inhibition peptides from dark tea protein. *Bioorganic Chemistry*, **2020**, 99, 103772	5.1	5
33	Recovery and identification bioactive peptides from protein isolate of Spirulina platensis and their in vitro effectiveness against oxidative stress-induced erythrocyte hemolysis. *Journal of the Science of Food and Agriculture*, **2020**, 100, 3776-3782	4.3	4
32	Antioxidant Capacity of Proteins and Hydrolysates from the Liver of Newborn Piglets, and Their Inhibitory Effects on Steatosis. *Food Technology and Biotechnology*, **2020**, 58, 455-464	2.1	
31	Discovery of monoamine oxidase A inhibitory peptides from hairtail (Trichiurus japonicus) using in vitro simulated gastrointestinal digestion and in silico studies. *Bioorganic Chemistry*, **2020**, 101, 104032	5.1	7
30	Discovery of dipeptidyl peptidase 4 inhibitory peptides from Largemouth bass (Micropterus salmoides) by a comprehensive approach. *Bioorganic Chemistry*, **2020**, 105, 104432	5.1	3
29	Potential of Plant Proteins Digested In Silico by Gastrointestinal Enzymes as Nutritional Supplement for COVID-19 Patients. *Plant Foods for Human Nutrition*, **2020**, 75, 583-591	3.9	7
28	Anti-Inflammatory and Anti-Aging Evaluation of Pigment-Protein Complex Extracted from. *Marine Drugs*, **2019**, 17,	6	9
27	N-Terminal Acetylation and C-Terminal Amidation of -Derived Hexapeptide: Anti-Photoaging Activity and Proteomic Analysis. *Marine Drugs*, **2019**, 17,	6	3
26	Separation and Lipid Inhibition Effects of a Novel Decapeptide from. *Molecules*, **2019**, 24,	4.8	5
25	Anti-obesity effects of Spirulina platensis protein hydrolysate by modulating brain-liver axis in high-fat diet fed mice. *PLoS ONE*, **2019**, 14, e0218543	3.7	20
24	Identification of anti-diabetes peptides from Spirulina platensis. *Journal of Functional Foods*, **2019**, 56, 333-341	5.1	47
23	Purification, antitumor and anti-inflammation activities of an alkali-soluble and carboxymethyl polysaccharide CMP33 from Poria cocos. *International Journal of Biological Macromolecules*, **2019**, 127, 39-47	7.9	28

22	Anti-oxidant, hemolysis inhibition, and collagen-stimulating activities of a new hexapeptide derived from Arthrospira (Spirulina) platensis. *Journal of Applied Phycology*, **2018**, 30, 1655-1665	3.2	9
21	Extraction of intracellular protein from Chlorella pyrenoidosa using a combination of ethanol soaking, enzyme digest, ultrasonication and homogenization techniques. *Bioresource Technology*, **2018**, 247, 267-272	11	21
20	Purification and identification of anti-obesity peptides derived from Spirulina platensis. *Journal of Functional Foods*, **2018**, 47, 350-360	5.1	37
19	The protective effects of Poria cocos-derived polysaccharide CMP33 against IBD in mice and its molecular mechanism. *Food and Function*, **2018**, 9, 5936-5949	6.1	18
18	Isolation and identification of anti-proliferative peptides from Spirulina platensis using three-step hydrolysis. *Journal of the Science of Food and Agriculture*, **2017**, 97, 918-922	4.3	37
17	1H NMR-based metabolic investigation of the effect of Lentinula edodes-derived polysaccharides on aged mice. *Journal of Food Biochemistry*, **2017**, 41, e12371	3.3	5
16	Anti-proliferation peptides from protein hydrolysates of Pyropia haitanensis. *Journal of Applied Phycology*, **2017**, 29, 1623-1633	3.2	16
15	Isolation and characterization of antiproliferative peptides from Chinese three-striped box turtle (Cuora trifasciata). *Biotechnology and Applied Biochemistry*, **2017**, 64, 827-835	2.8	5
14	Separation and nanoencapsulation of antitumor peptides from Chinese three-striped box turtle (Cuora trifasciata). *Journal of Microencapsulation*, **2016**, 33, 344-54	3.4	10
13	Characterization and antitumor activity of protein hydrolysates from Arthrospira platensis (Spirulina platensis) using two-step hydrolysis. *Journal of Applied Phycology*, **2016**, 28, 3379-3385	3.2	8
12	Inhibitory effects of small molecular peptides from Spirulina (Arthrospira) platensis on cancer cell growth. *Food and Function*, **2016**, 7, 781-8	6.1	32
11	Mixed hemimicelles solid-phase extraction based on sodium dodecyl sulfate-coated nano-magnets for selective adsorption and enrichment of illegal cationic dyes in food matrices prior to high-performance liquid chromatography-diode array detection detection. *Journal of Chromatography A*, **2016**, 1437, 25-36	4.5	36
10	Proteomic analysis of intestinal tissues from mice fed with Lentinula edodes-derived polysaccharides. *Food and Function*, **2016**, 7, 250-61	6.1	7
9	Antioxidant and hypoglycaemic effects of tilapia skin collagen peptide in mice. *International Journal of Food Science and Technology*, **2016**, 51, 2157-2163	3.8	19
8	Lentinula edodes-derived polysaccharide rejuvenates mice in terms of immune responses and gut microbiota. *Food and Function*, **2015**, 6, 2653-63	6.1	40
7	Lentinula edodes-derived polysaccharide alters the spatial structure of gut microbiota in mice. *PLoS ONE*, **2015**, 10, e0115037	3.7	49
6	Lentinula edodes-derived polysaccharide enhances systemic and mucosal immunity by spatial modulation of intestinal gene expression in mice. *Food and Function*, **2015**, 6, 2068-80	6.1	13
5	Polysaccharides in Lentinus edodes: isolation, structure, immunomodulating activity and future prospective. *Critical Reviews in Food Science and Nutrition*, **2014**, 54, 474-87	11.5	88

4	Separation, antitumor activities, and encapsulation of polypeptide from Chlorella pyrenoidosa. *Biotechnology Progress*, **2013**, 29, 681-7	2.8	66
3	Separation and nanoencapsulation of antitumor polypeptide from Spirulina platensis. *Biotechnology Progress*, **2013**, 29, 1230-8	2.8	44
2	Antioxidant and anticomplement functions of flavonoids extracted from Penthorum chinense Pursh. *Food and Function*, **2013**, 4, 1811-8	6.1	24
1	Structure and immuno-stimulating activities of a new heteropolysaccharide from Lentinula edodes. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 11560-6	5.7	86