

Xue-Wu Zhang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Polysaccharides in <i>Lentinus edodes</i> : isolation, structure, immunomodulating activity and future prospective. <i>Critical Reviews in Food Science and Nutrition</i> , 2014 , 54, 474-87	11.5	88
38	Structure and immuno-stimulating activities of a new heteropolysaccharide from <i>Lentinula edodes</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11560-6	5.7	86
37	Separation, antitumor activities, and encapsulation of polypeptide from <i>Chlorella pyrenoidosa</i> . <i>Biotechnology Progress</i> , 2013 , 29, 681-7	2.8	66
36	<i>Lentinula edodes</i> -derived polysaccharide alters the spatial structure of gut microbiota in mice. <i>PLoS ONE</i> , 2015 , 10, e0115037	3.7	49
35	Identification of anti-diabetes peptides from <i>Spirulina platensis</i> . <i>Journal of Functional Foods</i> , 2019 , 56, 333-341	5.1	47
34	Separation and nanoencapsulation of antitumor polypeptide from <i>Spirulina platensis</i> . <i>Biotechnology Progress</i> , 2013 , 29, 1230-8	2.8	44
33	<i>Lentinula edodes</i> -derived polysaccharide rejuvenates mice in terms of immune responses and gut microbiota. <i>Food and Function</i> , 2015 , 6, 2653-63	6.1	40
32	Isolation and identification of anti-proliferative peptides from <i>Spirulina platensis</i> using three-step hydrolysis. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 918-922	4.3	37
31	Purification and identification of anti-obesity peptides derived from <i>Spirulina platensis</i> . <i>Journal of Functional Foods</i> , 2018 , 47, 350-360	5.1	37
30	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. <i>Journal of Chromatography A</i> , 2016 , 1437, 25-36	4.5	36
29	Inhibitory effects of small molecular peptides from <i>Spirulina</i> (<i>Arthrospira</i>) <i>platensis</i> on cancer cell growth. <i>Food and Function</i> , 2016 , 7, 781-8	6.1	32
28	Purification, antitumor and anti-inflammation activities of an alkali-soluble and carboxymethyl polysaccharide CMP33 from <i>Poria cocos</i> . <i>International Journal of Biological Macromolecules</i> , 2019 , 127, 39-47	7.9	28
27	Antioxidant and anticomplement functions of flavonoids extracted from <i>Penthorum chinense</i> Pursh. <i>Food and Function</i> , 2013 , 4, 1811-8	6.1	24
26	Extraction of intracellular protein from <i>Chlorella pyrenoidosa</i> using a combination of ethanol soaking, enzyme digest, ultrasonication and homogenization techniques. <i>Bioresource Technology</i> , 2018 , 247, 267-272	11	21
25	Anti-obesity effects of <i>Spirulina platensis</i> protein hydrolysate by modulating brain-liver axis in high-fat diet fed mice. <i>PLoS ONE</i> , 2019 , 14, e0218543	3.7	20
24	Antioxidant and hypoglycaemic effects of tilapia skin collagen peptide in mice. <i>International Journal of Food Science and Technology</i> , 2016 , 51, 2157-2163	3.8	19
23	The protective effects of <i>Poria cocos</i> -derived polysaccharide CMP33 against IBD in mice and its molecular mechanism. <i>Food and Function</i> , 2018 , 9, 5936-5949	6.1	18

22	Anti-proliferation peptides from protein hydrolysates of <i>Pyropia haitanensis</i> . <i>Journal of Applied Phycology</i> , 2017 , 29, 1623-1633	3.2	16
21	Lentinula edodes-derived polysaccharide enhances systemic and mucosal immunity by spatial modulation of intestinal gene expression in mice. <i>Food and Function</i> , 2015 , 6, 2068-80	6.1	13
20	In silico evaluation of marine fish proteins as nutritional supplements for COVID-19 patients. <i>Food and Function</i> , 2020 , 11, 5565-5572	6.1	10
19	Separation and nanoencapsulation of antitumor peptides from Chinese three-striped box turtle (<i>Cuora trifasciata</i>). <i>Journal of Microencapsulation</i> , 2016 , 33, 344-54	3.4	10
18	Anti-Inflammatory and Anti-Aging Evaluation of Pigment-Protein Complex Extracted from. <i>Marine Drugs</i> , 2019 , 17,	6	9
17	Anti-oxidant, hemolysis inhibition, and collagen-stimulating activities of a new hexapeptide derived from <i>Arthrospira</i> (<i>Spirulina</i>) <i>platensis</i> . <i>Journal of Applied Phycology</i> , 2018 , 30, 1655-1665	3.2	9
16	Characterization and antitumor activity of protein hydrolysates from <i>Arthrospira platensis</i> (<i>Spirulina platensis</i>) using two-step hydrolysis. <i>Journal of Applied Phycology</i> , 2016 , 28, 3379-3385	3.2	8
15	Proteomic analysis of intestinal tissues from mice fed with <i>Lentinula edodes</i> -derived polysaccharides. <i>Food and Function</i> , 2016 , 7, 250-61	6.1	7
14	Discovery of monoamine oxidase A inhibitory peptides from hairtail (<i>Trichiurus japonicus</i>) using in vitro simulated gastrointestinal digestion and in silico studies. <i>Bioorganic Chemistry</i> , 2020 , 101, 104032	5.1	7
13	Potential of Plant Proteins Digested In Silico by Gastrointestinal Enzymes as Nutritional Supplement for COVID-19 Patients. <i>Plant Foods for Human Nutrition</i> , 2020 , 75, 583-591	3.9	7
12	¹ H NMR-based metabolic investigation of the effect of <i>Lentinula edodes</i> -derived polysaccharides on aged mice. <i>Journal of Food Biochemistry</i> , 2017 , 41, e12371	3.3	5
11	Isolation and characterization of antiproliferative peptides from Chinese three-striped box turtle (<i>Cuora trifasciata</i>). <i>Biotechnology and Applied Biochemistry</i> , 2017 , 64, 827-835	2.8	5
10	Separation and Lipid Inhibition Effects of a Novel Decapeptide from. <i>Molecules</i> , 2019 , 24,	4.8	5
9	Separation and identification of enzyme inhibition peptides from dark tea protein. <i>Bioorganic Chemistry</i> , 2020 , 99, 103772	5.1	5
8	Recovery and identification bioactive peptides from protein isolate of <i>Spirulina platensis</i> and their in vitro effectiveness against oxidative stress-induced erythrocyte hemolysis. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 3776-3782	4.3	4
7	N-Terminal Acetylation and C-Terminal Amidation of -Derived Hexapeptide: Anti-Photoaging Activity and Proteomic Analysis. <i>Marine Drugs</i> , 2019 , 17,	6	3
6	Discovery of dipeptidyl peptidase 4 inhibitory peptides from Largemouth bass (<i>Micropterus salmoides</i>) by a comprehensive approach. <i>Bioorganic Chemistry</i> , 2020 , 105, 104432	5.1	3
5	Identification of monoamine oxidases inhibitory peptides from soybean protein hydrolysate through ultrafiltration purification and in silico studies. <i>Food Bioscience</i> , 2021 , 44, 101355	4.9	2

4	Glucose-lowering activity of dark tea protein extract by modulating spleen-brain axis of diabetic mice. <i>British Journal of Nutrition</i> , 2021 , 126, 961-969	3.6	1
3	Magnetic Solid-Phase Extraction Based on Magnetic Sulfonated Reduced Graphene Oxide for HPLC-MS/MS Analysis of Illegal Basic Dyes in Foods.. <i>Molecules</i> , 2021 , 26,	4.8	1
2	Antioxidant Capacity of Proteins and Hydrolysates from the Liver of Newborn Piglets, and Their Inhibitory Effects on Steatosis. <i>Food Technology and Biotechnology</i> , 2020 , 58, 455-464	2.1	
1	Production of Dual Inhibitory Hydrolysate by Enzymatic Hydrolysis of Squid Processing By-product.. <i>Marine Biotechnology</i> , 2022 , 24, 293	3.4	