

Zesheng Zhang

List of Publications by Citations

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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.

32
papers

1,176
citations

18
h-index

32
g-index

32
ext. papers

1,360
ext. citations

4.9
avg, IF

4.22
L-index

#	Paper	IF	Citations
32	Characterization of antioxidants present in hawthorn fruits. <i>Journal of Nutritional Biochemistry</i> , 2001 , 12, 144-152	6.3	199
31	Stabilizing Effect of Ascorbic Acid on Green Tea Catechins. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 2512-2516	5.7	136
30	Effects of D-Pinitol on Insulin Resistance through the PI3K/Akt Signaling Pathway in Type 2 Diabetes Mellitus Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 6019-26	5.7	109
29	Choosing hamsters but not rats as a model for studying plasma cholesterol-lowering activity of functional foods. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 921-30	5.9	85
28	Hawthorn fruit is hypolipidemic in rabbits fed a high cholesterol diet. <i>Journal of Nutrition</i> , 2002 , 132, 5-10	4.1	69
27	Characterization of Lycium barbarum polysaccharide and its effect on human hepatoma cells. <i>International Journal of Biological Macromolecules</i> , 2013 , 61, 270-5	7.9	56
26	Hypocholesterolemic activity of hawthorn fruit is mediated by regulation of cholesterol-7 β -hydroxylase and acyl CoA: cholesterol acyltransferase. <i>Food Research International</i> , 2002 , 35, 885-891	7	52
25	Evaluation of Alliin, Saccharide Contents and Antioxidant Activities of Black Garlic during Thermal Processing. <i>Journal of Food Biochemistry</i> , 2015 , 39, 39-47	3.3	48
24	Sea Buckthorn Fruit Oil Extract Alleviates Insulin Resistance through the PI3K/Akt Signaling Pathway in Type 2 Diabetes Mellitus Cells and Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 1328-1336	5.7	41
23	Lutein extends the lifespan of <i>Drosophila melanogaster</i> . <i>Archives of Gerontology and Geriatrics</i> , 2014 , 58, 153-9	4	36
22	Hypoglycemic effect of inulin combined with ganoderma lucidum polysaccharides in T2DM rats. <i>Journal of Functional Foods</i> , 2019 , 55, 381-390	5.1	35
21	Gymnemic Acid Ameliorates Hyperglycemia through PI3K/AKT- and AMPK-Mediated Signaling Pathways in Type 2 Diabetes Mellitus Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 13051-13060	5.7	29
20	Isolation, fine structure and morphology studies of galactomannan from endosperm of <i>Gleditsia japonica</i> var. <i>delavayi</i> . <i>Carbohydrate Polymers</i> , 2018 , 184, 127-134	10.3	27
19	Antioxidative activity of green tea catechin extract compared with that of rosemary extract. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 1998 , 75, 1141-1145	1.8	26
18	Antioxidative activity of green tea catechin extract compared with that of rosemary extract. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 1998 , 75, 1141-1145	1.8	25
17	Effect of squalene and shark liver oil on serum cholesterol level in hamsters. <i>International Journal of Food Sciences and Nutrition</i> , 2002 , 53, 411-8	3.7	23
16	Antioxidant activities of extracts and subfractions from <i>Inonotus Obliquus</i> . <i>International Journal of Food Sciences and Nutrition</i> , 2009 , 60 Suppl 2, 175-84	3.7	22

15	Gymnemic Acid Alleviates Type 2 Diabetes Mellitus and Suppresses Endoplasmic Reticulum Stress in Vivo and in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3662-3669	5-7	19
14	Dietary supplementation of soybean-derived sterols regulates cholesterol metabolism and intestinal microbiota in hamsters. <i>Journal of Functional Foods</i> , 2019 , 59, 242-250	5-1	18
13	Cordyceps sinensis oral liquid prolongs the lifespan of the fruit fly, <i>Drosophila melanogaster</i> , by inhibiting oxidative stress. <i>International Journal of Molecular Medicine</i> , 2015 , 36, 939-46	4-4	16
12	Influence of initial protein structures and xanthan gum on the oxidative stability of O/W emulsions stabilized by whey protein. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 34-44	7-9	15
11	Trehalose targets Nrf2 signal to alleviate d-galactose induced aging and improve behavioral ability. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 521, 113-119	3-4	14
10	Mogroside derivatives exert hypoglycemic effects by decreasing blood glucose level in HepG2 cells and alleviates insulin resistance in T2DM rats. <i>Journal of Functional Foods</i> , 2019 , 63, 103566	5-1	12
9	Physical properties and antidiabetic potential of a novel galactomannan from seeds of <i>Gleditsia japonica</i> var. <i>delavayi</i> . <i>Journal of Functional Foods</i> , 2018 , 46, 546-555	5-1	10
8	Hawthorn fruit increases the antioxidant capacity and reduces lipid peroxidation in senescence-accelerated mice. <i>European Food Research and Technology</i> , 2011 , 232, 743-751	3-4	10
7	Potential Correlation between Dietary Fiber-Suppressed Microbial Conversion of Choline to Trimethylamine and Formation of Methylglyoxal. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 13247-13257	5-7	9
6	A comparative study of high-performance liquid chromatography and colorimetric method for inulin determination. <i>European Food Research and Technology</i> , 2010 , 230, 701-706	3-4	9
5	Transcriptomic analysis of the life-extending effect exerted by black rice anthocyanin extract in <i>D. melanogaster</i> through regulation of aging pathways. <i>Experimental Gerontology</i> , 2019 , 119, 33-39	4-5	8
4	Gymnemic acid alleviates inflammation and insulin resistance via PPAR α and NF κ B-mediated pathways in db/db mice. <i>Food and Function</i> , 2019 , 10, 5853-5862	6-1	6
3	Investigation of dietary fructooligosaccharides from different production methods: Interpreting the impact of compositions on probiotic metabolism and growth. <i>Journal of Functional Foods</i> , 2020 , 69, 103955	5-1	6
2	Anti-aging effect of brown black wolfberry on <i>Drosophila melanogaster</i> and d-galactose-induced aging mice. <i>Journal of Functional Foods</i> , 2020 , 65, 103724	5-1	5
1	Effect of the <i>Inonotus Obliquus</i> Polysaccharides on Blood Lipid Metabolism and Oxidative Stress of Rats Fed High-Fat Diet In Vivo 2009 ,		1