

Zesheng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,571
citations

331538

21
h-index

434063

31
g-index

32
all docs

32
docs citations

32
times ranked

2188
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Characterization of antioxidants present in hawthorn fruits. <i>Journal of Nutritional Biochemistry</i> , 2001, 12, 144-152. | 1.9 | 232 |
| 2 | Stabilizing Effect of Ascorbic Acid on Green Tea Catechins. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 2512-2516. | 2.4 | 159 |
| 3 | Effects of <i>Scorpaenopsis</i> -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, 6019-6026. | 2.4 | 144 |
| 4 | 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, 921-930. | 1.5 | 99 |
| 5 | Hawthorn Fruit Is Hypolipidemic in Rabbits Fed a High Cholesterol Diet. <i>Journal of Nutrition</i> , 2002, 132, 5-10. | 1.3 | 85 |
| 6 | Characterization of <i>Lycium barbarum</i> polysaccharide and its effect on human hepatoma cells. <i>International Journal of Biological Macromolecules</i> , 2013, 61, 270-275. | 3.6 | 80 |
| 7 | Evaluation of Alliin, Saccharide Contents and Antioxidant Activities of Black Garlic during Thermal Processing. <i>Journal of Food Biochemistry</i> , 2015, 39, 39-47. | 1.2 | 69 |
| 8 | 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. | 2.4 | 62 |
| 9 | Hypocholesterolemic activity of hawthorn fruit is mediated by regulation of cholesterol-7 α -hydroxylase and acyl CoA: cholesterol acyltransferase. <i>Food Research International</i> , 2002, 35, 885-891. | 2.9 | 61 |
| 10 | Hypoglycemic effect of inulin combined with <i>ganoderma lucidum</i> polysaccharides in T2DM rats. <i>Journal of Functional Foods</i> , 2019, 55, 381-390. | 1.6 | 55 |
| 11 | 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. | 2.4 | 43 |
| 12 | Lutein extends the lifespan of <i>Drosophila melanogaster</i> . <i>Archives of Gerontology and Geriatrics</i> , 2014, 58, 153-159. | 1.4 | 42 |
| 13 | 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. | 5.1 | 38 |
| 14 | 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. | 1.0 | 36 |
| 15 | Dietary supplementation of soybean-derived sterols regulates cholesterol metabolism and intestinal microbiota in hamsters. <i>Journal of Functional Foods</i> , 2019, 59, 242-250. | 1.6 | 32 |
| 16 | Gymnemic Acid Alleviates Type 2 Diabetes Mellitus and Suppresses Endoplasmic Reticulum Stress <i>in Vivo</i> and <i>in Vitro</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3662-3669. | 2.4 | 31 |
| 17 | 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. | 3.6 | 30 |
| 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. | 0.8 | 28 |

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| 19 | Antioxidative activity of green tea catechin extract compared with that of rosemary extract. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1998, 75, 1141-1145. | 0.8 | 27 |
| 20 | Antioxidant activities of extracts and subfractions from <i>Inonotus Obliquus</i> . <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 175-184. | 1.3 | 27 |
| 21 | Effect of squalene and shark liver oil on serum cholesterol level in hamsters. <i>International Journal of Food Sciences and Nutrition</i> , 2002, 53, 411-418. | 1.3 | 26 |
| 22 | 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. | 1.6 | 22 |
| 23 | Mogroside derivatives exert hypoglycemics 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. | 1.6 | 22 |
| 24 | <i>Cordyceps sinensis</i> 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, 939-946. | 1.8 | 21 |
| 25 | 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. | 1.6 | 18 |
| 26 | 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. | 1.6 | 16 |
| 27 | 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. | 1.6 | 16 |
| 28 | 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. | 1.2 | 15 |
| 29 | 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. | 2.4 | 13 |
| 30 | 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. | 1.6 | 11 |
| 31 | Gymnemic acid alleviates inflammation and insulin resistance via PPAR γ - and NF κ B-mediated pathways in db/db mice. <i>Food and Function</i> , 2019, 10, 5853-5862. | 2.1 | 10 |
| 32 | 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 |