

Zhida Sun

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.

52
papers

1,060
citations

22
h-index

30
g-index

53
ext. papers

1,290
ext. citations

5.4
avg, IF

4.67
L-index

#	Paper	IF	Citations
52	Identification of A-series oligomeric procyanidins from pericarp of Litchi chinensis by FT-ICR-MS and LC-MS. <i>Food Chemistry</i> , 2012 , 135, 31-38	8.5	70
51	Ameliorative effects of lotus seedpod proanthocyanidins on cognitive deficits and oxidative damage in senescence-accelerated mice. <i>Behavioural Brain Research</i> , 2008 , 194, 100-7	3.4	69
50	Evaluation of antioxidant activity and preventing DNA damage effect of pomegranate extracts by chemiluminescence method. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3134-40	5.7	62
49	Oligomeric procyanidins of lotus seedpod inhibits the formation of advanced glycation end-products by scavenging reactive carbonyls. <i>Food Chemistry</i> , 2013 , 138, 1493-502	8.5	48
48	(-)-Epigallocatechin-3-gallate (EGCG) inhibits starch digestion and improves glucose homeostasis through direct or indirect activation of PXR/CAR-mediated phase II metabolism in diabetic mice. <i>Food and Function</i> , 2018 , 9, 4651-4663	6.1	44
47	Rejuvenation of antioxidant and cholinergic systems contributes to the effect of procyanidins extracted from the lotus seedpod ameliorating memory impairment in cognitively impaired aged rats. <i>European Neuropsychopharmacology</i> , 2009 , 19, 851-60	1.2	39
46	Increasing antioxidant activity of procyanidin extracts from the pericarp of Litchi chinensis processing waste by two probiotic bacteria bioconversions. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 2506-12	5.7	37
45	Memory impairment in cognitively impaired aged rats associated with decreased hippocampal CREB phosphorylation: reversal by procyanidins extracted from the lotus seedpod. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 933-40	6.4	36
44	Inhibition of Advanced Glycation Endproduct Formation by Lotus Seedpod Oligomeric Procyanidins through RAGE-MAPK Signaling and NF-B Activation in High-Fat-Diet Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 6989-98	5.7	35
43	Phytochemical profiling of the ripening of Chinese mango (<i>Mangifera indica</i> L.) cultivars by real-time monitoring using UPLC-ESI-QTOF-MS and its potential benefits as prebiotic ingredients. <i>Food Chemistry</i> , 2018 , 256, 171-180	8.5	35
42	A-type procyanidins from litchi pericarp ameliorate hyperglycaemia by regulating hepatic and muscle glucose metabolism in streptozotocin (STZ)-induced diabetic mice fed with high fat diet. <i>Journal of Functional Foods</i> , 2016 , 27, 711-722	5.1	33
41	Supercritical fluid extraction and identification of isoquinoline alkaloids from leaves of <i>Nelumbo nucifera</i> Gaertn. <i>European Food Research and Technology</i> , 2010 , 231, 407-414	3.4	32
40	Effect of ultrasound combined with ultraviolet treatment on microbial inactivation and quality properties of mango juice. <i>Ultrasonics Sonochemistry</i> , 2020 , 64, 105000	8.9	31
39	Antibacterial activity and mechanism of B-type oligomeric procyanidins from lotus seedpod on enterotoxigenic <i>Escherichia coli</i> . <i>Journal of Functional Foods</i> , 2017 , 38, 454-463	5.1	30
38	Procyanidins extracted from the lotus seedpod ameliorate age-related antioxidant deficit in aged rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 236-41	6.4	30
37	Antiglycation and antioxidant activities of mogrosin extract from (<i>Swingle</i>) fruits. <i>Journal of Food Science and Technology</i> , 2018 , 55, 1880-1888	3.3	28
36	Characterization and preparation of oligomeric procyanidins from Litchi chinensis pericarp. <i>Phytotherapy Research</i> , 2016 , 112, 168-74	3.2	28

35	Lactobacillus casei-01 facilitates the ameliorative effects of proanthocyanidins extracted from lotus seedpod on learning and memory impairment in scopolamine-induced amnesia mice. <i>PLoS ONE</i> , 2014 , 9, e112773	3.7	28
34	Lotus seedpod proanthocyanidin-whey protein complexes: Impact on physical and chemical stability of β -carotene-nanoemulsions. <i>Food Research International</i> , 2020 , 127, 108738	7	25
33	Attenuated mTOR Signaling and Enhanced Glucose Homeostasis by Dietary Supplementation with Lotus Seedpod Oligomeric Procyanidins in Streptozotocin (STZ)-Induced Diabetic Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 3801-3810	5.7	24
32	Isorenieratene interaction with human serum albumin: Multi-spectroscopic analyses and docking simulation. <i>Food Chemistry</i> , 2018 , 258, 393-399	8.5	23
31	Absorption and urinary excretion of A-type procyanidin oligomers from Litchi chinensis pericarp in rats by selected ion monitoring liquid chromatography-mass spectrometry. <i>Food Chemistry</i> , 2013 , 138, 1536-42	8.5	22
30	Effect of Thermo-Sonication and Ultra-High Pressure on the Quality and Phenolic Profile of Mango Juice. <i>Foods</i> , 2019 , 8,	4.9	20
29	Procyanidins extracted from the lotus seedpod ameliorate scopolamine-induced memory impairment in mice. <i>Phytotherapy Research</i> , 2009 , 23, 1742-7	6.7	20
28	A significant inhibitory effect on advanced glycation end product formation by catechin as the major metabolite of lotus seedpod oligomeric procyanidins. <i>Nutrients</i> , 2014 , 6, 3230-44	6.7	17
27	Synergistic effect of B-type oligomeric procyanidins from lotus seedpod in combination with water-soluble Poria cocos polysaccharides against E. coli and mechanism. <i>Journal of Functional Foods</i> , 2018 , 48, 134-143	5.1	14
26	Quality parameters and bioactive compound bioaccessibility changes in probiotics fermented mango juice using ultraviolet-assisted ultrasonic pre-treatment during cold storage. <i>LWT - Food Science and Technology</i> , 2021 , 137, 110438	5.4	14
25	Identification of microbial carotenoids and isoprenoid quinones from Rhodococcus sp. B7740 and its stability in the presence of iron in model gastric conditions. <i>Food Chemistry</i> , 2018 , 240, 204-211	8.5	13
24	Separation and Identification of Anthocyanins Extracted from Blueberry Wine Lees and Pigment Binding Properties toward β -Glucosidase. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 216-223	5.7	12
23	Proanthocyanidins and probiotics combination supplementation ameliorated intestinal injury in Enterotoxigenic Escherichia coli infected diarrhea mice. <i>Journal of Functional Foods</i> , 2019 , 62, 103521	5.1	12
22	Changes in the nitric oxide system contribute to effect of procyanidins extracted from the lotus seedpod ameliorating memory impairment in cognitively impaired aged rats. <i>Rejuvenation Research</i> , 2011 , 14, 33-43	2.6	12
21	Interaction between carboxymethyl pachyman and lotus seedpod oligomeric procyanidins with superior synergistic antibacterial activity. <i>Carbohydrate Polymers</i> , 2019 , 212, 11-20	10.3	11
20	In vitro antioxidant activities of proanthocyanidins extracted from the lotus seedpod and ameliorative effects on learning and memory impairment in scopolamine-induced amnesia mice. <i>Food Science and Biotechnology</i> , 2015 , 24, 1487-1494	3	11
19	Dietary supplementation of A-type procyanidins from litchi pericarp improves glucose homeostasis by modulating mTOR signaling and oxidative stress in diabetic ICR mice. <i>Journal of Functional Foods</i> , 2018 , 44, 155-165	5.1	11
18	Determination of Procymidone, Pentachloroaniline and Methyl-pentachloro-phenylsulfide Residues in Wine by MSPD-GC-ECD. <i>Chromatographia</i> , 2007 , 65, 625-628	2.1	10

17	Fabrication and characterization of whey protein isolates- lotus seedpod proanthocyanin conjugate: Its potential application in oxidizable emulsions. <i>Food Chemistry</i> , 2021 , 346, 128680	8.5	10
16	Oligomer Procyanidins from Lotus Seedpod Regulate Lipid Homeostasis Partially by Modifying Fat Emulsification and Digestion. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 4524-4534	5.7	7
15	Analysis of distribution and pharmacokinetics of litchi pericarp procyanidins in rat plasma and organs by using liquid chromatography tandem mass spectrometry. <i>European Food Research and Technology</i> , 2017 , 243, 167-176	3.4	6
14	Potential TSPO Ligand and Photooxidation Quencher Isorenieratene from Arctic Ocean sp. B7740. <i>Marine Drugs</i> , 2019 , 17,	6	6
13	Influence of Lactic Acid Bacteria Fermentation on Physicochemical Properties and Antioxidant Activity of Chickpea Yam Milk. <i>Journal of Food Quality</i> , 2021 , 2021, 1-9	2.7	6
12	Oligomeric Procyanidin Nanoliposomes Prevent Melanogenesis and UV Radiation-Induced Skin Epithelial Cell (HFF-1) Damage. <i>Molecules</i> , 2020 , 25,	4.8	5
11	Flavonoid compounds and antibacterial mechanisms of different parts of white guava (L. cv. Pearl). <i>Natural Product Research</i> , 2020 , 34, 1621-1625	2.3	5
10	Characterization of MK[H] from sp. B7740 and Its Potential Antiglycation Capacity Measurements. <i>Marine Drugs</i> , 2018 , 16,	6	5
9	Combination of proanthocyanidins extracted from lotus seedpod and l-cysteine ameliorates memory impairment induced by alcohol and scopolamine in mice. <i>European Food Research and Technology</i> , 2013 , 236, 671-679	3.4	4
8	Combination of Procyanidins Extracted from Lotus Seedpod and N-acetyl Cysteine Ameliorates Scopolamine-induced Memory Impairment in Mice. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2015 , 3, 464-470	1.9	4
7	The improvement of carboxymethyl β glucan on the antibacterial activity and intestinal flora regulation ability of lotus seedpod procyanidins. <i>LWT - Food Science and Technology</i> , 2021 , 137, 110441	5.4	4
6	Anion carboxymethylated β glucan alleviates undesirable binding between procyanidins and β galactosidase. <i>Food Chemistry</i> , 2021 , 344, 128686	8.5	3
5	Diabetes diminishes a typical metabolite of litchi pericarp oligomeric procyanidins (LPOPC) in urine mediated by imbalanced gut microbiota. <i>Food and Function</i> , 2021 , 12, 5375-5386	6.1	3
4	Phenolic profiles and bioactivities of different milling fractions of rice bran from black rice.. <i>Food Chemistry</i> , 2022 , 378, 132035	8.5	2
3	Metabolites of Procyanidins From Pericarp With Xanthine Oxidase Inhibitory Effect and Antioxidant Activity. <i>Frontiers in Nutrition</i> , 2021 , 8, 676346	6.2	1
2	Inhibitory effects of lotus seedpod procyanidins against lipid and protein oxidation and spoilage organisms in chilled-storage beef. <i>LWT - Food Science and Technology</i> , 2022 , 160, 113247	5.4	1
1	Structures, physicochemical properties, and hypoglycemic activities of soluble dietary fibers from white and black glutinous rice bran: a comparative study. <i>Food Research International</i> , 2022 , 111423	7	1