Xiaodong Cui

List of Publications by Year
in descending order

21	327	840776 11	839539 18
papers	citations	h-index	g-index

21	21	21	438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal Structure Analysis of Cationic Peroxidase from Proso Millet and Identification of Its Phosphatase Active Sites. Journal of Agricultural and Food Chemistry, 2021, 69, 6251-6259.	5.2	6
2	DNA damage and necroptosis induced by peroxidase from proso millet in human colorectal cancer cells. Tropical Journal of Pharmaceutical Research, 2021, 18, 975-983.	0.3	2
3	Regulating inhibitory activity of potato Iâ€type proteinase inhibitor from buckwheat by rutin and quercetin. Journal of Food Biochemistry, 2021, 45, e13780.	2.9	3
4	Dietary supplementation with peptides from sesame cake alleviates Parkinsonâ€™s associated pathologies in Caenorhabditis elegans. Journal of Functional Foods, 2020, 65, 103737.	3.4	18
5	Preparation, characterization, and evaluation of antioxidant activity and bioavailability of a self-nanoemulsifying drug delivery system (SNEDDS) for buckwheat flavonoids. Acta Biochimica Et Biophysica Sinica, 2020, 52, 1265-1274.	2.0	25
6	Functional evaluation of a novel GLA causative mutation in Fabry disease. Molecular Genetics & Genomic Medicine, 2019, 7, e864.	1.2	5
7	Recombinant buckwheat trypsin inhibitor decreases fat accumulation via the IIS pathway in Caenorhabditis elegans. Experimental Gerontology, 2019, 128, 110753.	2.8	13
8	Dietary supplementation with peptides from sesame cake protect Caenorhabditis elegans from polyglutamine-induced toxicity. Journal of Functional Foods, 2019, 54, 199-210.	3.4	7
9	Î²-Cyclodextrinâ€“Hyaluronic Acid Polymer Functionalized Magnetic Graphene Oxide Nanocomposites for Targeted Photo-Chemotherapy of Tumor Cells. Polymers, 2019, 11, 133.	4.5	57
10	Peroxidase from proso millet exhibits endonuclease-like activity. Acta Biochimica Et Biophysica Sinica, 2019, 51, 688-696.	2.0	4
11	Recombinant Buckwheat Trypsin Inhibitor Improves the Protein and Mitochondria Homeostasis in <i>Caenorhabditis elegans</i> Model of Aging and Age-Related Disease. Gerontology, 2019, 65, 513-523.	2.8	7
12	Inhibitory site of α-hairpinin peptide from tartary buckwheat has no effect on its antimicrobial activities. Acta Biochimica Et Biophysica Sinica, 2018, 50, 408-416.	2.0	16
13	Recombinant buckwheat glutaredoxin intake increases lifespan and stress resistance via hsf-1 upregulation in Caenorhabditis elegans. Experimental Gerontology, 2018, 104, 86-97.	2.8	12
14	Cationic peroxidase from proso millet induces human colon cancer cell necroptosis by regulating autocrine TNF-Î± and RIPK3 demethylation. Food and Function, 2018, 9, 1878-1888.	4.6	11
15	rBTI reduced Î²-amyloid-induced toxicity by promoting autophagy-lysosomal degradation via DAF-16 in Caenorhabditis elegans. Experimental Gerontology, 2017, 89, 78-86.	2.8	16
16	Peptides from sesame cake reduce oxidative stress and amyloid-Î²-induced toxicity by upregulation of SKN-1 in a transgenic Caenorhabditis elegans model of Alzheimerâ€™s disease. Journal of Functional Foods, 2017, 39, 287-298.	3.4	18
17	Peptides from sesame cake extend healthspan of Caenorhabditis elegans via upregulation of skn-1 and inhibition of intracellular ROS levels. Experimental Gerontology, 2016, 82, 139-149.	2.8	28
18	rBTI extends Caenorhabditis elegans lifespan by mimicking calorie restriction. Experimental Gerontology, 2015, 67, 62-71.	2.8	20

#	Article	IF	Citations
19	Changes of intracellular Ca²⁺ in quercetin-induced autophagy progression. Acta Biochimica Et Biophysica Sinica, 2015, 47, 908-914.	2.0	14
20	Recombinant Buckwheat Trypsin Inhibitor Induces Mitophagy by Directly Targeting Mitochondria and Causes Mitochondrial Dysfunction in Hep G2 Cells. Journal of Agricultural and Food Chemistry, 2015, 63, 7795-7804.	5.2	33
21	Buckwheat trypsin inhibitor enters Hep G2 cells by clathrin-dependent endocytosis. Food Chemistry, 2013, 141, 2625-2633.	8.2	12