

Xiaodong Cui

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Î²-Cyclodextrinâ€“Hyaluronic Acid Polymer Functionalized Magnetic Graphene Oxide Nanocomposites for Targeted Photo-Chemotherapy of Tumor Cells. <i>Polymers</i> , 2019, 11, 133.	4.5	57
2	Recombinant Buckwheat Trypsin Inhibitor Induces Mitophagy by Directly Targeting Mitochondria and Causes Mitochondrial Dysfunction in Hep G2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 7795-7804.	5.2	33
3	Peptides from sesame cake extend healthspan of <i>Caenorhabditis elegans</i> via upregulation of <i>skn-1</i> and inhibition of intracellular ROS levels. <i>Experimental Gerontology</i> , 2016, 82, 139-149.	2.8	28
4	Preparation, characterization, and evaluation of antioxidant activity and bioavailability of a self-nanoemulsifying drug delivery system (SNEDDS) for buckwheat flavonoids. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 1265-1274.	2.0	25
5	rBTI extends <i>Caenorhabditis elegans</i> lifespan by mimicking calorie restriction. <i>Experimental Gerontology</i> , 2015, 67, 62-71.	2.8	20
6	Peptides from sesame cake reduce oxidative stress and amyloid-Î²-induced toxicity by upregulation of SKN-1 in a transgenic <i>Caenorhabditis elegans</i> model of Alzheimerâ€™s disease. <i>Journal of Functional Foods</i> , 2017, 39, 287-298.	3.4	18
7	Dietary supplementation with peptides from sesame cake alleviates Parkinsonâ€™s associated pathologies in <i>Caenorhabditis elegans</i> . <i>Journal of Functional Foods</i> , 2020, 65, 103737.	3.4	18
8	rBTI reduced Î²-amyloid-induced toxicity by promoting autophagy-lysosomal degradation via DAF-16 in <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2017, 89, 78-86.	2.8	16
9	Inhibitory site of α-hairpinin peptide from tartary buckwheat has no effect on its antimicrobial activities. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 408-416.	2.0	16
10	Changes of intracellular Ca ²⁺ in quercetin-induced autophagy progression. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 908-914.	2.0	14
11	Recombinant buckwheat trypsin inhibitor decreases fat accumulation via the IIS pathway in <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 2019, 128, 110753.	2.8	13
12	Buckwheat trypsin inhibitor enters Hep G2 cells by clathrin-dependent endocytosis. <i>Food Chemistry</i> , 2013, 141, 2625-2633.	8.2	12
13	Recombinant buckwheat glutaredoxin intake increases lifespan and stress resistance via <i>hsf-1</i> upregulation in <i>Caenorhabditis elegans</i> . <i>Experimental Gerontology</i> , 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. <i>Food and Function</i> , 2018, 9, 1878-1888.	4.6	11
15	Dietary supplementation with peptides from sesame cake protect <i>Caenorhabditis elegans</i> from polyglutamine-induced toxicity. <i>Journal of Functional Foods</i> , 2019, 54, 199-210.	3.4	7
16	Recombinant Buckwheat Trypsin Inhibitor Improves the Protein and Mitochondria Homeostasis in <i>Caenorhabditis elegans</i> Model of Aging and Age-Related Disease. <i>Gerontology</i> , 2019, 65, 513-523.	2.8	7
17	Crystal Structure Analysis of Cationic Peroxidase from Proso Millet and Identification of Its Phosphatase Active Sites. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6251-6259.	5.2	6
18	Functional evaluation of a novel <i>GLA</i> causative mutation in Fabry disease. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e864.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Peroxidase from proso millet exhibits endonuclease-like activity. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 688-696.	2.0	4
20	Regulating inhibitory activity of potato lipoxygenase inhibitor from buckwheat by rutin and quercetin. <i>Journal of Food Biochemistry</i> , 2021, 45, e13780.	2.9	3
21	DNA damage and necroptosis induced by peroxidase from proso millet in human colorectal cancer cells. <i>Tropical Journal of Pharmaceutical Research</i> , 2021, 18, 975-983.	0.3	2