

# Mengyao Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,131  
citations

567144

15  
h-index

477173

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acrylamide induces intrinsic apoptosis and inhibits protective autophagy <i>via</i> the ROS mediated mitochondrial dysfunction pathway in U87-MG cells. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2601-2612.	1.2	11
2	The involvement of oxidative stress, neuronal lesions, neurotransmission impairment, and neuroinflammation in acrylamide-induced neurotoxicity in C57/BL6 mice. <i>Environmental Science and Pollution Research</i> , 2022, 29, 41151-41167.	2.7	11
3	The Mechanism of Acrylamide-Induced Neurotoxicity: Current Status and Future Perspectives. <i>Frontiers in Nutrition</i> , 2022, 9, 859189.	1.6	12
4	Chitopentaose inhibits hepatocellular carcinoma by inducing mitochondrial mediated apoptosis and suppressing protective autophagy. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	5
5	Effects of chitooligosaccharides on the rebalance of gut microorganisms and their metabolites in patients with nonalcoholic fatty liver disease. <i>Journal of Functional Foods</i> , 2021, 77, 104333.	1.6	12
6	Current innovations in nutraceuticals and functional foods for intervention of non-alcoholic fatty liver disease. <i>Pharmacological Research</i> , 2021, 166, 105517.	3.1	16
7	Suppression of GOLM1 by EGCG through HGF/HGFR/AKT/GSK-3 $\beta$ -catenin/c-Myc signaling pathway inhibits cell migration of MDA-MB-231. <i>Food and Chemical Toxicology</i> , 2021, 157, 112574.	1.8	7
8	CD36 and DGAT2 facilitate the lipid-lowering effect of chitooligosaccharides <i>via</i> fatty acid intake and triglyceride synthesis signaling. <i>Food and Function</i> , 2021, 12, 8681-8693.	2.1	12
9	Bioactive Indolyl Diketopiperazines from the Marine Derived Endophytic <i>Aspergillus versicolor</i> DY180635. <i>Marine Drugs</i> , 2020, 18, 338.	2.2	18
10	Chitooligosaccharides display anti-tumor effects against human cervical cancer cells via the apoptotic and autophagic pathways. <i>Carbohydrate Polymers</i> , 2019, 224, 115171.	5.1	47
11	Proteomic profiling of primary astrocytes and co-cultured astrocytes/microglia exposed to acrylamide. <i>NeuroToxicology</i> , 2019, 75, 78-88.	1.4	8
12	Chitooligosaccharide plays essential roles in regulating proline metabolism and cold stress tolerance in rice seedlings. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	1.0	17
13	Enhanced Low Molecular Weight Poly- $\beta$ -Glutamic Acid Production in Recombinant <i>Bacillus subtilis</i> 1A751 with Zinc Ion. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 411-423.	1.4	11
14	Inhibitory effect of chitooligosaccharides on retinol metabolism and bioavailability in mice. <i>Journal of Food Biochemistry</i> , 2019, 43, e12831.	1.2	4
15	Absorption Characteristics of Chitobiose and Chitopentaose in the Human Intestinal Cell Line Caco-2 and Everted Gut Sacs. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4513-4523.	2.4	25
16	Chitooligosaccharide supplementation prevents the development of high fat diet-induced non-alcoholic fatty liver disease (NAFLD) in mice via the inhibition of cluster of differentiation 36 (CD36). <i>Journal of Functional Foods</i> , 2019, 57, 7-18.	1.6	26
17	Biological Activities and Potential Application in Food Industry. , 2019, , 163-274.		0
18	Chitobiose alleviates oleic acid-induced lipid accumulation by decreasing fatty acid uptake and triglyceride synthesis in HepG2 cells. <i>Journal of Functional Foods</i> , 2018, 46, 202-211.	1.6	35

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19	Health benefits of anthocyanins and molecular mechanisms: Update from recent decade. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 1729-1741.	5.4	333
20	Protection against neo-formed contaminants (NFCs)-induced toxicity by phytochemicals. <i>Food and Chemical Toxicology</i> , 2017, 108, 392-406.	1.8	7
21	Acrylamide-induced neurotoxicity in primary astrocytes and microglia: Roles of the Nrf2-ARE and NF- $\kappa$ B pathways. <i>Food and Chemical Toxicology</i> , 2017, 106, 25-35.	1.8	82
22	Effect of acrylamide-induced neurotoxicity in a primary astrocytes/microglial co-culture model. <i>Toxicology in Vitro</i> , 2017, 39, 119-125.	1.1	39
23	The kinetics of the inhibition of acrylamide by glycine in potato model systems. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 548-554.	1.7	16
24	Simultaneous determination of free amino acids in Pu-erh tea and their changes during fermentation. <i>Food Chemistry</i> , 2016, 194, 643-649.	4.2	125
25	Blueberry anthocyanins extract inhibits acrylamide-induced diverse toxicity in mice by preventing oxidative stress and cytochrome P450 2E1 activation. <i>Journal of Functional Foods</i> , 2015, 14, 95-101.	1.6	54
26	The chemoprotection of a blueberry anthocyanin extract against the acrylamide-induced oxidative stress in mitochondria: unequivocal evidence in mice liver. <i>Food and Function</i> , 2015, 6, 3006-3012.	2.1	62
27	Evaluation of Protective Effect of Freeze-Dried Strawberry, Grape, and Blueberry Powder on Acrylamide Toxicity in Mice. <i>Journal of Food Science</i> , 2015, 80, H869-74.	1.5	26
28	Protection of cyanidin-3-glucoside against oxidative stress induced by acrylamide in human MDA-MB-231 cells. <i>Food and Chemical Toxicology</i> , 2013, 58, 306-310.	1.8	58
29	Degradation Kinetics of Malvidin-3-glucoside and Malvidin-3,5-diglucoside Exposed to Microwave Treatment. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 373-378.	2.4	12
30	The identification of degradation products and degradation pathway of malvidin-3-glucoside and malvidin-3,5-diglucoside under microwave treatment. <i>Food Chemistry</i> , 2013, 141, 3260-3267.	4.2	40