

Lei Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/285109/publications.pdf>

Version: 2024-02-01

22
papers

1,192
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of chitosan film incorporated with thinned young apple polyphenols as an active packaging material. <i>Carbohydrate Polymers</i> , 2017, 163, 81-91.	10.2	388
2	Bisulfite-free direct detection of 5-methylcytosine and 5-hydroxymethylcytosine at base resolution. <i>Nature Biotechnology</i> , 2019, 37, 424-429.	17.5	267
3	SIRT3/SOD2 maintains osteoblast differentiation and bone formation by regulating mitochondrial stress. <i>Cell Death and Differentiation</i> , 2018, 25, 229-240.	11.2	180
4	Central and Peripheral Metabolic Defects Contribute to the Pathogenesis of Alzheimer's Disease: Targeting Mitochondria for Diagnosis and Prevention. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1188-1236.	5.4	61
5	A mitochondria-targeting hetero-binuclear Ir(III)-Pt(II) complex induces necrosis in cisplatin-resistant tumor cells. <i>Chemical Communications</i> , 2018, 54, 6268-6271.	4.1	51
6	A mix of apple pomace polysaccharide improves mitochondrial function and reduces oxidative stress in the liver of high-fat diet-induced obese mice. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600433.	3.3	35
7	High ratio of n-3/n-6 polyunsaturated fatty acids targets mTORC1 to prevent high-fat diet-induced metabolic syndrome and mitochondrial dysfunction in mice. <i>Journal of Nutritional Biochemistry</i> , 2020, 79, 108330.	4.2	27
8	Omega-3 polyunsaturated fatty acids prevent obesity by improving tricarboxylic acid cycle homeostasis. <i>Journal of Nutritional Biochemistry</i> , 2021, 88, 108503.	4.2	26
9	Thinned young apple polysaccharide improves hepatic metabolic disorder in high-fat diet-induced obese mice by activating mitochondrial respiratory functions. <i>Journal of Functional Foods</i> , 2017, 33, 396-407.	3.4	24
10	Polysaccharide SAFP from <i>Sarcodon aspratus</i> attenuates oxidative stress-induced cell damage and bleomycin-induced pulmonary fibrosis. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1215-1236.	7.5	19
11	5-Hydroxymethylcytosine Signatures in Circulating Cell-Free DNA as Diagnostic Biomarkers for Late-Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 573-585.	2.6	17
12	LncRNA SAMMSON Mediates Adaptive Resistance to RAF Inhibition in BRAF-Mutant Melanoma Cells. <i>Cancer Research</i> , 2021, 81, 2918-2929.	0.9	16
13	Punicalagin alleviates renal injury via the gut-kidney axis in high-fat diet-induced diabetic mice. <i>Food and Function</i> , 2022, 13, 867-879.	4.6	16
14	Downregulation of the DNA 5-hydroxymethylcytosine is involved in mitochondrial dysfunction and neuronal impairment in high fat diet-induced diabetic mice. <i>Free Radical Biology and Medicine</i> , 2020, 148, 42-51.	2.9	15
15	Effects of brown seaweed polyphenols, a class of phlorotannins, on metabolic disorders via regulation of fat function. <i>Food and Function</i> , 2021, 12, 2378-2388.	4.6	13
16	Punicalagin Attenuates Neuronal Apoptosis by Upregulating 5-Hydroxymethylcytosine in the Diabetic Mouse Brain. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4995-5004.	5.2	10
17	ATG7 regulates hepatic Akt phosphorylation through the cJUN/PTEN pathway in high fat diet-induced metabolic disorder. <i>FASEB Journal</i> , 2019, 33, 14296-14306.	0.5	6
18	Preventive Effect of Ellagic Acid on Cardiac Dysfunction in Diabetic Mice through Regulating DNA Hydroxymethylation. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1902-1910.	5.2	5

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19	N-3 polyunsaturated fatty acids prevent the ^d-galactose-induced cognitive impairment by up-regulating the levels of 5-hydroxymethylcytosine in the mouse brain. Food and Function, 2022, 13, 4101-4113.	4.6	5
20	Protective effects of apple polyphenols on bone loss in mice with high fat diet-induced obesity. Food and Function, 2022, 13, 8047-8055.	4.6	5
21	Food consumption and mild cognitive impairment in Qingdao rural elderly: A cross-sectional study. Asia Pacific Journal of Clinical Nutrition, 2020, 29, 867-875.	0.4	3
22	Dietary patterns and cognitive function in older adults residing in rural China. Asia Pacific Journal of Clinical Nutrition, 2021, 30, 253-262.	0.4	3