

Zhongkai Zhou

List of Publications by Year in Descending Order

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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.

11
papers

197
citations

6
h-index

11
g-index

11
ext. papers

319
ext. citations

6.4
avg, IF

3.35
L-index

#	Paper	IF	Citations
11	Starch acylation of different short-chain fatty acids and its corresponding influence on gut microbiome and diabetic indexes.. <i>Food Chemistry</i> , 2022 , 389, 133089	8.5	3
10	Insights into the multi-scale structure of wheat starch following acylation: Physicochemical properties and digestion characteristics. <i>Food Hydrocolloids</i> , 2021 , 124, 107347	10.6	2
9	Microbiota fermentation characteristics of acylated starches and the regulation mechanism of short-chain fatty acids on hepatic steatosis. <i>Food and Function</i> , 2021 , 12, 8659-8668	6.1	0
8	Studies on nutritional intervention of rice starch- oleic acid complex (resistant starch type V) in rats fed by high-fat diet. <i>Carbohydrate Polymers</i> , 2020 , 246, 116637	10.3	38
7	Abundance of Probiotics and Butyrate-Production Microbiome Manages Constipation via Short-Chain Fatty Acids Production and Hormones Secretion. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801187	5.9	29
6	Konjac glucomannans attenuate diet-induced fat accumulation on livers and its regulation pathway. <i>Journal of Functional Foods</i> , 2019 , 52, 258-265	5.1	6
5	γ-Aminobutyric Acid Attenuates High-Fat Diet-Induced Cerebral Oxidative Impairment via Enhanced Synthesis of Hippocampal Sulfatides. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1081-1091	5.7	3
4	Peptides derived from lupin proteins confer potent protection against oxidative stress. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 5225-5234	4.3	15
3	Gamma-aminobutyric Acid Enriched Rice Bran Diet Attenuates Insulin Resistance and Balances Energy Expenditure via Modification of Gut Microbiota and Short-Chain Fatty Acids. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 881-890	5.7	37
2	Gut Microbiome-Induced Shift of Acetate to Butyrate Positively Manages Dysbiosis in High Fat Diet. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700670	5.9	42
1	A comparison of RS4-type resistant starch to RS2-type resistant starch in suppressing oxidative stress in high-fat-diet-induced obese rats. <i>Food and Function</i> , 2017 , 8, 232-240	6.1	22