Xingyu Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9096321/publications.pdf

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19	341	932766 10	839053 18
papers	citations	h-index	g-index

20	20	20	382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digestion of Plant Dietary miRNAs Starts in the Mouth under the Protection of Coingested Food Components and Plant-Derived Exosome-like Nanoparticles. Journal of Agricultural and Food Chemistry, 2022, 70, 4316-4327.	2.4	23
2	Tailoring diameters of carbon nanofibers with optimal mesopores to remarkably promote hemin adsorption toward ultrasensitive detection of bisphenol A. Food Chemistry, 2022, 383, 132628.	4.2	4
3	Synergistic antitumor effects of polysaccharides and anthocyanins from Lycium ruthenicum Murr. on human colorectal carcinoma LoVo cells and the molecular mechanism. Food Science and Nutrition, 2022, 10, 2956-2968.	1.5	6
4	Characterization of the antioxidative polysaccharides from Ziziphus jujube cv. Goutouzao and its tumorâ€inhibitory effects on human colorectal carcinoma LoVo cells via immunocyte activation. Journal of Food Biochemistry, 2020, 44, e13462.	1.2	12
5	Stability and absorption mechanism of typical plant miRNAs in an in vitro gastrointestinal environment: basis for their cross-kingdom nutritional effects. Journal of Nutritional Biochemistry, 2020, 81, 108376.	1.9	15
6	Rapid identification and quantitation of the viable cells of Lactobacillus casei in fermented dairy products using an aptamer-based strategy powered by a novel cell-SELEX protocol. Journal of Dairy Science, 2019, 102, 10814-10824.	1.4	8
7	A novel isothermal method using rolling circle reverse transcription for accurate amplification of small RNA sequences. Biochimie, 2019, 163, 137-141.	1.3	6
8	Selection of highly specific aptamers to Vibrio parahaemolyticus using cell-SELEX powered by functionalized graphene oxide and rolling circle amplification. Analytica Chimica Acta, 2019, 1052, 153-162.	2.6	35
9	Visualized Detection of Vibrio parahaemolyticus in Food Samples Using Dual-Functional Aptamers and Cut-Assisted Rolling Circle Amplification. Journal of Agricultural and Food Chemistry, 2019, 67, 1244-1253.	2.4	44
10	Qualitative and quantitative assessment of DNA quality of frozen beef based on DNA yield, gel electrophoresis and PCR amplification and their correlations to beef quality. Food Chemistry, 2018, 260, 160-165.	4.2	14
11	Antitumor effect and molecular mechanism of antioxidant polysaccharides from Salvia miltiorrhiza Bunge in human colorectal carcinoma LoVo cells. International Journal of Biological Macromolecules, 2018, 108, 625-634.	3.6	65
12	Azobenzene-modified antisense oligonucleotides for site-specific cleavage of RNA with photocontrollable property. RSC Advances, 2016, 6, 93398-93402.	1.7	6
13	The effects of food components on the digestion of DNA by pepsin. International Journal of Food Sciences and Nutrition, 2016, 67, 797-805.	1.3	8
14	Preparation of Small RNAs Using Rolling Circle Transcription and Site-Specific RNA Disconnection. Molecular Therapy - Nucleic Acids, 2015, 4, e215.	2.3	27
15	Synthesis of a chitosan-based functional biopolymer with both catalytic and binding groups for protein and DNA hydrolysis. RSC Advances, 2015, 5, 19541-19551.	1.7	7
16	Highly specific DNA detection from massive background nucleic acids based on rolling circle amplification of target dsDNA. RSC Advances, 2014, 4, 38293.	1.7	14
17	Modification of Nucleic Acids by Azobenzene Derivatives and Their Applications in Biotechnology and Nanotechnology. Chemistry - an Asian Journal, 2014, 9, 3344-3358.	1.7	36
18	Synthesis and properties of an insoluble chitosan resin modified by azamacrocycle copper(II) complex for protein hydrolysis. Journal of Applied Polymer Science, 2013, 128, 3280-3288.	1.3	7

#	Article	IF	Citations
19	Preparation and characterization of magnetic resin made from chitosan and cerium. Journal of Ocean University of China, 2010, 9, 185-192.	0.6	4