

Zhen Sun

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

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#	ARTICLE	IF	CITATIONS
1	Metabolomics combined with proteomics provides a novel interpretation of the compound differences among Chinese tea cultivars (<i>Camellia sinensis</i> var. <i>sinensis</i>) with different manufacturing suitabilities. <i>Food Chemistry</i> , 2022, 377, 131976.	4.2	32
2	Application of chitooligosaccharides as antioxidants in beer to improve the flavour stability by protecting against beer staling during storage. <i>Biotechnology Letters</i> , 2017, 39, 305-310.	1.1	31
3	Genome-Wide Analysis of the <i>TCP</i> Gene Family in Switchgrass (<i>Panicum virgatum</i> L.). <i>International Journal of Genomics</i> , 2019, 2019, 1-13.	0.8	21
4	Construction of a comprehensive beer proteome map using sequential filter-aided sample preparation coupled with liquid chromatography tandem mass spectrometry. <i>Journal of Separation Science</i> , 2019, 42, 2835-2841.	1.3	11
5	Chitooligosaccharide as A Possible Replacement for Sulfur Dioxide in Winemaking. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 578.	1.3	10
6	Hop resistance and beer-spoilage features of foodborne <i>Bacillus cereus</i> newly isolated from filtration-sterilized draft beer. <i>Annals of Microbiology</i> , 2017, 67, 17-23.	1.1	9
7	Epigenetic DNA Modification ⁶ -Methyladenine Inhibits DNA Replication by DNA Polymerase of <i>Pseudomonas aeruginosa</i> Phage PaP1. <i>Chemical Research in Toxicology</i> , 2019, 32, 840-849.	1.7	9
8	Beer-spoilage characteristics of <i>Staphylococcus xylosus</i> newly isolated from craft beer and its potential to influence beer quality. <i>Food Science and Nutrition</i> , 2019, 7, 3950-3957.	1.5	9
9	Proteomic Analysis of the Xanthan-Degrading Pathway of <i>Microbacterium</i> sp. XT11. <i>ACS Omega</i> , 2019, 4, 19096-19105.	1.6	6
10	Identification of an active-site residue in invertase SUC2 by mass spectrometry-based proteomics and site-directed mutagenesis. <i>International Journal of Mass Spectrometry</i> , 2016, 409, 9-15.	0.7	2
11	Production of a single cyclic type of fructooligosaccharide structure by inulin-degrading <i>Paenibacillus</i> sp. LX 16 newly isolated from Jerusalem artichoke root. <i>Microbial Biotechnology</i> , 2016, 9, 419-429.	2.0	2
12	Hop bitter acids inhibit carbohydrate metabolism, enhance biogenic amine metabolism and alter malic acid, glutamic acid and arginine metabolism of <i>Lactobacillus brevis</i> 49. <i>International Journal of Food Science and Technology</i> , 2019, 54, 361-367.	1.3	1
13	Inulin catabolism in <i>Saccharomyces cerevisiae</i> is affected by some key glycosylation sequons of invertase Suc2. <i>Biotechnology Letters</i> , 2020, 42, 471-479.	1.1	1
14	Isolation and properties of an endo- β -mannanase-producing <i>Bacillus</i> sp. LX114 capable of degrading guar gum. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 495-500.	1.0	0