

Zhongyuan Li

List of Publications by Year in descending order

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18
papers

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840119

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18
docs citations

18
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing the influence of microbiota on the quality of Pu-erh tea during fermentation process by shotgun metagenomic and metabolomic analysis. <i>Food Microbiology</i> , 2018, 76, 405-415.	2.1	105
2	Rapid biodegradation of aflatoxin <sc>B1</sc> by metabolites of <i>Fusarium</i> sp. <sc>WCQ3361</sc> with broad working temperature range and excellent thermostability. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 1342-1348.	1.7	24
3	The critical roles of exposed surface residues for the thermostability and halotolerance of a novel GH11 xylanase from the metagenomic library of a saline-alkaline soil. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 316-323.	3.6	24
4	Biological detoxification of fumonisin by a novel carboxylesterase from Sphingomonadales bacterium and its biochemical characterization. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 18-27.	3.6	24
5	<i>Bacillus subtilis</i> RZ001 improves intestinal integrity and alleviates colitis by inhibiting the Notch signalling pathway and activating ATOH-1. <i>Pathogens and Disease</i> , 2020, 78, .	0.8	21
6	Heterologous expression in <i>Pichia pastoris</i> and characterization of a novel GH11 xylanase from saline-alkali soil with excellent tolerance to high pH, high salt concentrations and ethanol. <i>Protein Expression and Purification</i> , 2017, 139, 71-77.	0.6	19
7	Functional and structural investigation of a novel β -mannanase BaMan113A from <i>Bacillus</i> sp. N16-5. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 899-909.	3.6	19
8	Bacterial Diversity and Lactic Acid Bacteria with High Alcohol Tolerance in the Fermented Grains of Soy Sauce Aroma Type Baijiu in North China. <i>Foods</i> , 2022, 11, 1794.	1.9	18
9	A C-Terminal Proline-Rich Sequence Simultaneously Broadens the Optimal Temperature and pH Ranges and Improves the Catalytic Efficiency of Glycosyl Hydrolase Family 10 Ruminant Xylanases. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3426-3432.	1.4	16
10	Comparative Quantitative Analysis of Gene Expression Profiles of Glycoside Hydrolase Family 10 Xylanases in the Sheep Rumen during a Feeding Cycle. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1212-1220.	1.4	13
11	Molecular and biochemical characterization of a novel cold-active and metal ion-tolerant GH10 xylanase from frozen soil. <i>Biotechnology and Biotechnological Equipment</i> , 2017, 31, 955-963.	0.5	13
12	Galactomannan Degrading Enzymes from the Mannan Utilization Gene Cluster of Alkaliphilic <i>Bacillus</i> sp. N16-5 and Their Synergy on Galactomannan Degradation. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11055-11063.	2.4	12
13	Gene expression pattern analysis of a recombinant <i>Escherichia coli</i> strain possessing high growth and lycopene production capability when using fructose as carbon source. <i>Biotechnology Letters</i> , 2016, 38, 1571-1577.	1.1	9
14	Biochemical characterization of a novel halo/organic-solvents/final-products tolerant GH39 xylosidase from saline soil and its synergic action with xylanase. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 184-192.	3.6	9
15	FumDSB Can Reduce the Toxic Effects of Fumonisin B1 by Regulating Several Brain-Gut Peptides in Both the Hypothalamus and Jejunum of Growing Pigs. <i>Toxins</i> , 2021, 13, 874.	1.5	5
16	Quality evaluation of the extract of aerial parts from <i>Atractylodes lancea</i> based on fingerprint and chemometrics. <i>International Journal of Food Properties</i> , 2022, 25, 422-434.	1.3	2
17	Interbatch quality control of the extract from <i>Artemisia frigida Willd</i>. by spectrum-effect relationship between HPLC fingerprints and the total antioxidant capacity. <i>International Journal of Food Properties</i> , 2022, 25, 541-549.	1.3	1
18	Crucial Residues of C-Terminal Oligopeptide C60 to Improve the Yield of Prebiotic Xylooligosaccharides by Truncated Mutation. <i>Foods</i> , 2022, 11, 862.	1.9	0