Yajian Song

List of Publications by Year in Descending Order

14 papers	108 citations	8 h-index	9 g-index
14 ext. papers	163 ext. citations	4.8 avg, IF	2.31 L-index

#	Paper	IF	Citations
14	Functional and structural investigation of a novel β-mannanase BaMan113A from Bacillus sp. N16-5. *International Journal of Biological Macromolecules*, **2021**, 182, 899-909	7.9	8
13	Biological detoxification of fumonisin by a novel carboxylesterase from Sphingomonadales bacterium and its biochemical characterization. *International Journal of Biological Macromolecules*, **2021**, 169, 18-27	7.9	6
12	Effects of three different mannans on obesity and gut microbiota in high-fat diet-fed C57BL/6J mice. *Food and Function*, **2021**, 12, 4606-4620	6.1	4
11	Bacillus subtilis RZ001 improves intestinal integrity and alleviates colitis by inhibiting the Notch signalling pathway and activating ATOH-1. *Pathogens and Disease*, **2020**, 78,	4.2	10
10	Biochemical characterization of a novel halo/organic-solvents/final-products tolerant GH39 xylosidase from saline soil and its synergic action with xylanase. *International Journal of Biological Macromolecules*, **2020**, 164, 184-192	7.9	5
9	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. *International Journal of Biological Macromolecules*, **2019**, 133, 316-323	7.9	11
8	Transcriptional regulation of the mannan utilization genes in the alkaliphilic Bacillus sp. N16-5. *FEMS Microbiology Letters*, **2018**, 365,	2.9	2
7	Galactomannan Degrading Enzymes from the Mannan Utilization Gene Cluster of Alkaliphilic Bacillus sp. N16-5 and Their Synergy on Galactomannan Degradation. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 11055-11063	5.7	10
6	Molecular and biochemical characterization of a novel cold-active and metal ion-tolerant GH10 xylanase from frozen soil. *Biotechnology and Biotechnological Equipment*, **2017**, 31, 955-963	1.6	9
5	Heterologous expression in Pichia pastoris and characterization of a novel GH11 xylanase from saline-alkali soil with excellent tolerance to high pH, high salt concentrations and ethanol. *Protein Expression and Purification*, **2017**, 139, 71-77	2	13
4	Rapid biodegradation of aflatoxin B1 by metabolites of Fusarium sp. WCQ3361 with broad working temperature range and excellent thermostability. *Journal of the Science of Food and Agriculture*, **2017**, 97, 1342-1348	4.3	11
3	Gene expression pattern analysis of a recombinant Escherichia coli strain possessing high growth and lycopene production capability when using fructose as carbon source. *Biotechnology Letters*, **2016**, 38, 1571-7	3	9
2	A Novel Manno-Oligosaccharide Binding Protein Identified in Alkaliphilic Bacillus sp. N16-5 Is Involved in Mannan Utilization. *PLoS ONE*, **2016**, 11, e0150059	3.7	3
1	Global microarray analysis of carbohydrate use in alkaliphilic hemicellulolytic bacterium Bacillus sp. N16-5. *PLoS ONE*, **2013**, 8, e54090	3.7	7