

# Zhen Sun

## 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.

14  
papers

65  
citations

4  
h-index

7  
g-index

14  
ext. papers

107  
ext. citations

3.6  
avg, IF

2.05  
L-index

#	Paper	IF	Citations
14	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> , <b>2021</b> , 377, 131976	8.5	4
13	Chitooligosaccharide as A Possible Replacement for Sulfur Dioxide in Winemaking. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 578	2.6	3
12	Inulin catabolism in <i>Saccharomyces cerevisiae</i> is affected by some key glycosylation sequons of invertase Suc2. <i>Biotechnology Letters</i> , <b>2020</b> , 42, 471-479	3	
11	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> , <b>2019</b> , 42, 2835-2841	3.4	2
10	Genome-Wide Analysis of the Gene Family in Switchgrass (L.). <i>International Journal of Genomics</i> , <b>2019</b> , 2019, 8514928	2.5	8
9	Epigenetic DNA Modification N-Methyladenine Inhibits DNA Replication by DNA Polymerase of <i>Pseudomonas aeruginosa</i> Phage PaP1. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 840-849	4	6
8	Proteomic Analysis of the Xanthan-Degrading Pathway of sp. XT11. <i>ACS Omega</i> , <b>2019</b> , 4, 19096-19105	3.9	3
7	Beer-spoilage characteristics of newly isolated from craft beer and its potential to influence beer quality. <i>Food Science and Nutrition</i> , <b>2019</b> , 7, 3950-3957	3.2	4
6	Hop bitter acids inhibit carbohydrate metabolism, enhance biogenic amine metabolism and alter L-malic acid, glutamic acid and arginine metabolism of <i>Lactobacillus brevis</i> 49. <i>International Journal of Food Science and Technology</i> , <b>2019</b> , 54, 361-367	3.8	1
5	Application of chitooligosaccharides as antioxidants in beer to improve the flavour stability by protecting against beer staling during storage. <i>Biotechnology Letters</i> , <b>2017</b> , 39, 305-310	3	22
4	Hop resistance and beer-spoilage features of foodborne <i>Bacillus cereus</i> newly isolated from filtration-sterilized draft beer. <i>Annals of Microbiology</i> , <b>2017</b> , 67, 17-23	3.2	8
3	Production of a single cyclic type of fructooligosaccharide structure by inulin-degrading <i>Paenibacillus</i> sp. LX16 newly isolated from Jerusalem artichoke root. <i>Microbial Biotechnology</i> , <b>2016</b> , 9, 419-29	6.3	2
2	Isolation and properties of an endo- $\beta$ -mannanase-producing <i>Bacillus</i> sp. LX114 capable of degrading guar gum. <i>Preparative Biochemistry and Biotechnology</i> , <b>2016</b> , 46, 495-500	2.4	
1	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> , <b>2016</b> , 409, 9-15	1.9	2