

# Xianzhen Li

## List of Publications by Year in descending order

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43  
papers

807  
citations

758635

12  
h-index

525886

27  
g-index

44  
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44  
docs citations

44  
times ranked

1065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quorum Quenching Enzymes and Their Application in Degrading Signal Molecules to Block Quorum Sensing-Dependent Infection. <i>International Journal of Molecular Sciences</i> , 2013, 14, 17477-17500.	1.8	231
2	<i>Klebsiella singaporensis</i> sp. nov., a novel isomaltulose-producing bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 2131-2136.	0.8	70
3	Isomaltulose Synthase from <i>Klebsiella</i> sp. Strain LX3: Gene Cloning and Characterization and Engineering of Thermostability. <i>Applied and Environmental Microbiology</i> , 2002, 68, 2676-2682.	1.4	53
4	Elicitor activity of alginoligosaccharide and its potential application in protection of rice plant ( <i>Oryza sativa</i> L.) against <i>Magnaporthe grisea</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 646-652.	0.5	36
5	Influence of biochar application on potassium-solubilizing <i>Bacillus mucilaginosus</i> as potential biofertilizer. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 32-37.	1.0	36
6	Enhanced germination of barley ( <i>Hordeum vulgare</i> L.) using chitooligosaccharide as an elicitor in seed priming to improve malt quality. <i>Biotechnology Letters</i> , 2016, 38, 1935-1940.	1.1	35
7	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
8	Biodegradation of xanthan by newly isolated <i>Cellulomonas</i> sp. LX, releasing elicitor-active xantho-oligosaccharides-induced phytoalexin synthesis in soybean cotyledons. <i>Process Biochemistry</i> , 2005, 40, 3701-3706.	1.8	27
9	The use of chitooligosaccharide in beer brewing for protection against beer-spoilage bacteria and its influence on beer performance. <i>Biotechnology Letters</i> , 2016, 38, 629-635.	1.1	26
10	<i>Bacillus marcorestinum</i> sp. nov., a Novel Soil Acylhomoserine Lactone Quorum-Sensing Signal Quenching Bacterium. <i>International Journal of Molecular Sciences</i> , 2010, 11, 507-520.	1.8	23
11	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 375-379.	1.7	18
12	Endoxanthanase, a Novel $\beta$ -D-Glucanase Hydrolyzing Backbone Linkage of Intact Xanthan from Newly Isolated Microbacterium sp. XT11. <i>Applied Biochemistry and Biotechnology</i> , 2009, 159, 24-32.	1.4	15
13	Characteristics of Newly Isolated <i>Geobacillus</i> sp. ZY-10 Degrading Hydrocarbons in Crude Oil. <i>Polish Journal of Microbiology</i> , 2015, 64, 253-263.	0.6	13
14	Effect of added sulphur dioxide levels on the fermentation characteristics of strawberry wine. <i>Journal of the Institute of Brewing</i> , 2016, 122, 446-451.	0.8	12
15	Invertase Suc2-mediated inulin catabolism is regulated at the transcript level in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2015, 14, 59.	1.9	11
16	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
17	Novel caffeine degradation gene cluster is mega-plasmid encoded in <i>Paraburkholderia caffeinilytica</i> CF1. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3025-3036.	1.7	11
18	Cellobiose-oxidizing enzyme from a newly isolated cellulolytic bacterium <i>Cytophaga</i> sp. LX-7. <i>Biotechnology Letters</i> , 1996, 18, 205-210.	1.1	10

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19	Enhancing the production of phenolic compounds during barley germination by using chitooligosaccharides to improve the antioxidant capacity of malt. <i>Biotechnology Letters</i> , 2018, 40, 1335-1341.	1.1	10
20	Novel Endotype Xanthanase from Xanthan-Degrading <i>Microbacterium</i> sp. Strain XT11. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	10
21	Chitooligosaccharide as A Possible Replacement for Sulfur Dioxide in Winemaking. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 578.	1.3	10
22	Ethanol production using a newly isolated <i>Saccharomyces cerevisiae</i> strain directly assimilating intact inulin with a high degree of polymerization. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 418-425.	1.4	9
23	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
24	Isolation and Properties of <i>Enterobacter</i> sp. LX3 Capable of Producing Indoleacetic Acid. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2108.	1.3	9
25	Strain-Specific Effects of Biochar and Its Water-Soluble Compounds on Bacterial Growth. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3209.	1.3	9
26	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
27	Isolation and characterization of xanthan-degrading <i>Enterobacter</i> sp. nov. LB37 for reducing the viscosity of xanthan in petroleum industry. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 1549-1557.	1.7	8
28	Complete genome sequence of a xanthan-degrading <i>Microbacterium</i> sp. strain XT11 with the potential for xantho-oligosaccharides production. <i>Journal of Biotechnology</i> , 2016, 222, 19-20.	1.9	8
29	Comparative metagenomic discovery of the dynamic cellulose-degrading process from a synergistic cellulolytic microbiota. <i>Cellulose</i> , 2021, 28, 2105-2123.	2.4	8
30	Production and Purification of a Novel Xanthan Lyase from a Xanthan-Degrading <i>Microbacterium</i> sp. Strain XT11. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	0.8	6
31	Proteomic Analysis of the Xanthan-Degrading Pathway of <i>Microbacterium</i> sp. XT11. <i>ACS Omega</i> , 2019, 4, 19096-19105.	1.6	6
32	Simple and efficient preparation of high-purity trehalulose from the waste syrup of isomaltulose production using solid-phase extraction followed by hydrophilic interaction chromatography. <i>Journal of Separation Science</i> , 2021, 44, 2334-2342.	1.3	6
33	The biogenic amine-producing bacteria from craft beer and their kinetic analysis between growth characteristics and biogenic amine formation in beer. <i>Journal of Food Science</i> , 2021, 86, 4991-5003.	1.5	6
34	Gelatinization and decrystallization of cellulose by newly isolated <i>Arthrobotrys</i> sp. CX1 to facilitate cellulose degradability. <i>Cellulose</i> , 2016, 23, 3543-3554.	2.4	3
35	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
36	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

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37	Prediction of Cellulose Crystallinity in Liquid Phase Using CBM-GFP Probe. <i>Macromolecular Research</i> , 2019, 27, 377-385.	1.0	2
38	A novel accessory protein ArCel5 from cellulose-gelatinizing fungus <i>Arthrobotrys</i> sp. CX1. <i>Bioresources and Bioprocessing</i> , 2022, 9, .	2.0	2
39	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> , 2019, 54, 361-367.	1.3	1
40	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
41	A novel decrystallizing protein CxEXL22 from <i>Arthrobotrys</i> sp. CX1 capable of synergistically hydrolyzing cellulose with cellulases. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	1
42	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> , 2016, 46, 495-500.	1.0	0
43	Improvement of barley ( <i>Hordeum vulgare</i> L.) germination by application of biochar leachate in steeping solution to upgrade malt quality. <i>Biotechnology Letters</i> , 2020, 42, 305-311.	1.1	0