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List of Publications by Year
in descending order

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20 papers	337 citations	759233 12 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	227 citing authors

#	Article	IF	Citations
1	Modulation of fructooligosaccharide chain length and insight into the product binding motif of Lactobacillus reuteri 121 inulosucrase. Carbohydrate Polymers, 2019, 209, 111-121.	10.2	44
2	An Î±-1,6-and Î±-1,3-linked glucan produced by Leuconostoc citreum ABK-1 alternansucrase with nanoparticle and film-forming properties. Scientific Reports, 2018, 8, 8340.	3.3	39
3	Computational design of oligosaccharide producing levansucrase from Bacillus licheniformis RN-01 to improve its thermostability for production of levan-type fructooligosaccharides from sucrose. International Journal of Biological Macromolecules, 2020, 160, 252-263.	7.5	28
4	Levansucrase from Bacillus amyloliquefaciens KK9 and Its Y237S Variant Producing the High Bioactive Levan-Type Fructooligosaccharides. Biomolecules, 2020, 10, 692.	4.0	27
5	Computational design of Bacillus licheniformis RN-01 levansucrase for control of the chain length of levan-type fructooligosaccharides. International Journal of Biological Macromolecules, 2019, 140, 1239-1248.	7.5	24
6	Rational re-design of Lactobacillus reuteri 121 inulosucrase for product chain length control. RSC Advances, 2019, 9, 14957-14965.	3.6	22
7	Characterisation of insoluble Î±-1,3-/Î±-1,6 mixed linkage glucan produced in addition to soluble Î±-1,6-linked dextran by glucansucrase (DEX-N) from Leuconostoc citreum ABK-1. International Journal of Biological Macromolecules, 2020, 152, 473-482.	7.5	21
8	Temperature-dependent inulin nanoparticles synthesized by Lactobacillus reuteri 121 inulosucrase and complex formation with flavonoids. Carbohydrate Polymers, 2019, 223, 115044.	10.2	20
9	Conserved Calcium-Binding Residues at the Ca-I Site Involved in Fructooligosaccharide Synthesis by Lactobacillus reuteri 121 Inulosucrase. ACS Omega, 2020, 5, 28001-28011.	3.5	18
10	Characterization of a nanoparticulate exopolysaccharide from Leuconostoc holzapfelii KM01 and its potential application in drug encapsulation. International Journal of Biological Macromolecules, 2021, 187, 690-698.	7.5	17
11	Assessing Dynamic Changes of Taste-Related Primary Metabolism During Ripening of Durian Pulp Using Metabolomic and Transcriptomic Analyses. Frontiers in Plant Science, 2021, 12, 687799.	3.6	16
12	Effect of alternan versus chitosan on the biological properties of human mesenchymal stem cells. RSC Advances, 2019, 9, 4370-4379.	3.6	12
13	A GH13 Î±-glucosidase from Weissella cibaria uncommonly acts on short-chain maltooligosaccharides. Acta Crystallographica Section D: Structural Biology, 2021, 77, 1064-1076.	2.3	10
14	Modified properties of alternan polymers arising from deletion of SH3-like motifs in Leuconostoc citreum ABK-1 alternansucrase. Carbohydrate Polymers, 2019, 220, 103-109.	10.2	9
15	Production of Large-Ring Cyclodextrins by Amylomaltases. Molecules, 2022, 27, 1446.	3.8	7
16	Galactomannan Pentasaccharide Produced from Copra Meal Enhances Tight Junction Integration of Epithelial Tissue through Activation of AMPK. Biomedicines, 2019, 7, 81.	3.2	6
17	Enhancement of large ring cyclodextrin production using pretreated starch by glycogen debranching enzyme from Corynebacterium glutamicum. International Journal of Biological Macromolecules, 2021, 193, 81-87.	7.5	6
18	Unravelling Regioselectivity of Leuconostoc citreum ABK-1 Alternansucrase by Acceptor Site Engineering. International Journal of Molecular Sciences, 2021, 22, 3229.	4.1	5

#	Article	IF	Citations
19	Synergistic enzyme cocktail between levansucrase and inulosucrase for superb levan-type fructooligosaccharide synthesis. Enzyme and Microbial Technology, 2022, 154, 109960.	3.2	4
20	High surfactant-tolerant Î²-mannanase isolated from Dynastes hercules larvae excrement, and identification of its hotspot using site-directed mutagenesis and molecular dynamics simulations. Enzyme and Microbial Technology, 2022, 154, 109956.	3.2	2