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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Lipopolysaccharide associated with β -2,6 fructan mediates TLR4-dependent immunomodulatory activity in vitro. <i>Carbohydrate Polymers</i> , 2022, 277, 118606.	5.1	14
2	Structural Insight into a Yeast Maltase—The BaAG2 from <i>Blastobotrys adenivorans</i> with Transglycosylating Activity. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 816.	1.5	3
3	Characterization of a Maltase from an Early-Diverged Non-Conventional Yeast <i>Blastobotrys adenivorans</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 297.	1.8	7
4	Identification and Characterization of a β -N-Acetylhexosaminidase with a Biosynthetic Activity from the Marine Bacterium <i>Paraglaciicola hydrolytica</i> S66T. <i>International Journal of Molecular Sciences</i> , 2020, 21, 417.	1.8	12
5	First crystal structure of an endo-levanase—the BT1760 from a human gut commensal <i>Bacteroides thetaiotaomicron</i> . <i>Scientific Reports</i> , 2019, 9, 8443.	1.6	18
6	Genome Mining of Non-Conventional Yeasts: Search and Analysis of MAL Clusters and Proteins. <i>Genes</i> , 2018, 9, 354.	1.0	12
7	Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans. <i>Anaerobe</i> , 2018, 52, 100-110.	1.0	35
8	A Highly Active Endo-Levanase BT1760 of a Dominant Mammalian Gut Commensal <i>Bacteroides thetaiotaomicron</i> Cleaves Not Only Various Bacterial Levans, but Also Levan of Timothy Grass. <i>PLoS ONE</i> , 2017, 12, e0169989.	1.1	38
9	Thermostability Measurement of an α -Glucosidase Using a Classical Activity-based Assay and a Novel Thermofluor Method. <i>Bio-protocol</i> , 2017, 7, e2349.	0.2	2
10	Maltase protein of <i>Ogataea (Hansenula) polymorpha</i> is a counterpart to the resurrected ancestor protein ancMALS of yeast maltases and isomaltases. <i>Yeast</i> , 2016, 33, 415-432.	0.8	17
11	Enzymatic synthesis and ways of further treatment of fructooligosaccharides and polymeric levan for prebiotic efficiency studies. <i>New Biotechnology</i> , 2016, 33, S122-S123.	2.4	0
12	Three sugar-acting proteins worth of crystallization and structure solving. <i>New Biotechnology</i> , 2016, 33, S44.	2.4	0
13	Bacterial polysaccharide levan as stabilizing, non-toxic and functional coating material for microelement-nanoparticles. <i>Carbohydrate Polymers</i> , 2016, 136, 710-720.	5.1	53
14	Levan Enhances Associated Growth of <i>Bacteroides</i> , <i>Escherichia</i> , <i>Streptococcus</i> and <i>Faecalibacterium</i> in Fecal Microbiota. <i>PLoS ONE</i> , 2015, 10, e0144042.	1.1	51
15	Levansucrases of a <i>Pseudomonas syringae</i> pathovar as catalysts for the synthesis of potentially prebiotic oligo- and polysaccharides. <i>New Biotechnology</i> , 2015, 32, 597-605.	2.4	38
16	Degradation of Fructans and Production of Propionic Acid by <i>Bacteroides thetaiotaomicron</i> are Enhanced by the Shortage of Amino Acids. <i>Frontiers in Nutrition</i> , 2014, 1, 21.	1.6	50
17	High-Throughput Assay of Levansucrase Variants in Search of Feasible Catalysts for the Synthesis of Fructooligosaccharides and Levan. <i>Molecules</i> , 2014, 19, 8434-8455.	1.7	23
18	Mutational analysis of conserved regions harboring catalytic triad residues of the levansucrase protein encoded by the <i>lsc3</i> gene (<i>lsc3</i>) of <i>Pseudomonas syringae</i> pv. tomato DC 3000. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 11-22.	1.4	15

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19	Synthesis of potential prebiotics using <i>Pseudomonas syringae</i> DC3000 levansucrase Lsc3. <i>New Biotechnology</i> , 2014, 31, S17.	2.4	0
20	Levansucrases of <i>Pseudomonas</i> bacteria: novel approaches for protein expression, assay of enzymes, fructooligosaccharides and heterooligofructans. <i>Carbohydrate Chemistry</i> , 2012, , 176-191.	0.3	11
21	Levansucrases from <i>Pseudomonas syringae</i> pv. tomato and <i>P. chlororaphis</i> subsp. <i>aurantiaca</i> : Substrate specificity, polymerizing properties and usage of different acceptors for fructosylation. <i>Journal of Biotechnology</i> , 2011, 155, 338-349.	1.9	55
22	Fully automated chip-based negative mode nanoelectrospray mass spectrometry of fructooligosaccharides produced by heterologously expressed levansucrase from <i>Pseudomonas syringae</i> pv. tomato DC3000. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1337-1346.	0.7	20
23	<i>Hansenula polymorpha</i> maltase gene promoter with sigma 70-like elements is feasible for <i>Escherichia coli</i> -based biotechnological applications: Expression of three genomic levansucrase genes of <i>Pseudomonas syringae</i> pv. tomato. <i>Process Biochemistry</i> , 2008, 43, 414-422.	1.8	20