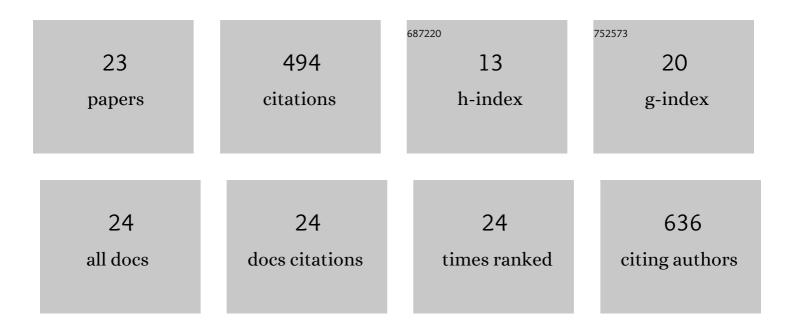
Triinu Visnapuu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8032737/publications.pdf Version: 2024-02-01



TDUNU VISNADUU

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

TRIINU VISNAPUU

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