

\hat{I}^2 -GLUCOSIDASE SYSTEM OF *NEUROSPORA CRASS*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Aryl β -glucosidase of some neurospora strains. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1964, 90, 214-215.	2.4	12
2	The β -glucosidase system of <i>Neurospora crassa</i> . <i>Archives of Biochemistry and Biophysics</i> , 1964, 108, 22-29.	3.0	27
3	The β -glucosidase system of <i>Neurospora crassa</i> . <i>Archives of Biochemistry and Biophysics</i> , 1964, 108, 30-35.	3.0	9
4	An Inducible System for the Hydrolysis and Transport of β -Glucosides in Yeast. <i>Journal of General Physiology</i> , 1965, 48, 873-886.	1.9	20
5	Regulation of cellulase and cellobiase in <i>Neurospora crassa</i> . <i>Biochemical and Biophysical Research Communications</i> , 1966, 24, 782-785.	2.1	33
6	PURIFICATION AND PROPERTIES OF AN INDUCIBLE β -GLUCOSIDASE OF BAKERS' YEAST. <i>Canadian Journal of Biochemistry</i> , 1966, 44, 1099-1108.	1.4	27
7	The β -Glucosidase of the Yeast Cell Surface. <i>Journal of General Physiology</i> , 1966, 50, 9-24.	1.9	17
9	Extracellular enzyme system utilized by the rot fungus <i>Stereum sanguinolentum</i> for the breakdown of cellulose. <i>Archives of Biochemistry and Biophysics</i> , 1969, 129, 416-420.	3.0	28
10	Enzyme patterns and protein synthesis during synchronous conidiation in <i>Neurospora crassa</i> . <i>Developmental Biology</i> , 1971, 26, 17-27.	2.0	34
11	The purification and properties of extracellular β -glucosidase from <i>Botryodiplodia theobromae</i> Pat.. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1971, 227, 419-428.	2.6	39
12	The β -glucosidase system of the thermophilic fungus <i>Chaetomium thermophile</i> var. <i>Coprophile</i> n. var.. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1973, 329, 5-16.	2.4	47
13	An aryl β -d-glucosidase of the aquatic fungus <i>Lagenidium giganteum</i> , a parasite of mosquito larvae. <i>Archives of Microbiology</i> , 1974, 101, 343-350.	2.2	6
14	Glucosidase Activity in <i>Acanthamoeba (Mayorella) palestinensis</i> . The Effect of Glucose and Natural Glucosides on β - and β -Glucosidases. <i>Journal of Protozoology</i> , 1975, 22, 435-437.	0.8	6
15	Increase of enzyme activities in <i>Neurospora crassa</i> during incubation at low temperatures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1976, 422, 309-315.	2.6	3
16	β -glucosidase in the cellulolytic fungus <i>Sporotrichum thermophile</i> Apinis. <i>Experimental Mycology</i> , 1979, 3, 203-214.	1.6	23
17	Characteristics of the cellulase produced by <i>Myceliophthora thermophila</i> D-14. <i>Canadian Journal of Microbiology</i> , 1982, 28, 271-277.	1.7	25
18	β -Glucosidase: Its role in cellulase synthesis and hydrolysis of cellulose. <i>International Journal of Biochemistry & Cell Biology</i> , 1982, 14, 435-443.	0.5	146
19	Enhanced production of extracellular β -glucosidase by <i>penicillium funiculosum</i> in submerged culture. <i>Biotechnology Letters</i> , 1983, 5, 649-652.	2.2	7

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20	Cellulase and ethanol production from cellulose by <i>Neurospora crassa</i> . <i>Enzyme and Microbial Technology</i> , 1983, 5, 133-136.	3.2	45
21	Effect of glucose and other sugars on the β -1,4-glucosidase activity of <i>Thermomonospora fusca</i> . <i>Biotechnology and Bioengineering</i> , 1983, 25, 2855-2864.	3.3	20
22	Fluorimetric estimation of exo-cellobiohydrolase and β -D-glucosidase activities in cellulase from <i>Aspergillus fumigatus</i> Fresenius. <i>Enzyme and Microbial Technology</i> , 1986, 8, 70-74.	3.2	20
23	Cellulolytic Ability of the Scab Fungus, <i>Venturia inaequalis</i> . <i>Journal of Phytopathology</i> , 1988, 123, 217-221.	1.0	5
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26	Relationship between in vitro cellulase production of uv-induced mutants of <i>Trichoderma harzianum</i> and their bean rhizosphere competence. <i>Mycological Research</i> , 1997, 101, 1389-1392.	2.5	23
27	Cloning and identification of novel cellulase genes from uncultured microorganisms in rabbit cecum and characterization of the expressed cellulases. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 319-328.	3.6	133
28	Characterization of a novel β -glucosidase-like activity from a soil metagenome. <i>Journal of Microbiology</i> , 2009, 47, 542-548.	2.8	40
29	A cold-active β -glucosidase (Bgl1C) from a sea bacteria <i>Exiguobacterium oxidotolerans</i> A011. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1427-1435.	3.6	31
31	A quick screening method to identify β -glucosidase activity in native wine yeast strains: application of Esculin Glycerol Agar (EGA) medium. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 47-55.	3.6	64
32	Biochemical characterization of two novel β -glucosidase genes by metagenome expression cloning. <i>Bioresource Technology</i> , 2011, 102, 3272-3278.	9.6	50
33	Cloning and identification of novel hydrolase genes from a dairy cow rumen metagenomic library and characterization of a cellulase gene. <i>BMC Research Notes</i> , 2012, 5, 566.	1.4	60
34	Molecular cloning and characterization of a novel β -glucosidase with high hydrolyzing ability for soybean isoflavone glycosides and glucose-tolerance from soil metagenomic library. <i>Bioresource Technology</i> , 2012, 123, 15-22.	9.6	83
35	Cloning and biochemical characterization of a glucosidase from a marine bacterium <i>Aeromonas</i> sp. HC11e-3. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 3337-3344.	3.6	5
36	Discovery of (hemi-) cellulase genes in a metagenomic library from a biogas digester using 454 pyrosequencing. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 8173-8182.	3.6	40
37	Expression and characterization of a novel highly glucose-tolerant β -glucosidase from a soil metagenome. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 664-673.	2.0	51
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39	Cloning and characterization of a new Î²-Glucosidase from a metagenomic library of Rumen of cattle feeding with <i>Miscanthus sinensis</i> . <i>BMC Biotechnology</i> , 2014, 14, 85.	3.3	17
40	Discovery of two novel Î²-glucosidases from an Amazon soil metagenomic library. <i>FEMS Microbiology Letters</i> , 2014, 351, 147-155.	1.8	25
41	Engineering a novel glucose-tolerant Î²-glucosidase as supplementation to enhance the hydrolysis of sugarcane bagasse at high glucose concentration. <i>Biotechnology for Biofuels</i> , 2015, 8, 202.	6.2	89
42	Synergistic function of four novel thermostable glycoside hydrolases from a long-term enriched thermophilic methanogenic digester. <i>Frontiers in Microbiology</i> , 2015, 6, 509.	3.5	18
43	Applying functional metagenomics to search for novel lignocellulosic enzymes in a microbial consortium derived from a thermophilic composting phase of sugarcane bagasse and cow manure. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1217-1233.	1.7	16
44	Identification and characterization of a novel Î²-glucosidase via metagenomic analysis of <i>Bursaphelenchus xylophilus</i> and its microbial flora. <i>Scientific Reports</i> , 2017, 7, 14850.	3.3	25
45	Loss of a conserved salt bridge in bacterial glycosyl hydrolase BgIM-G1 improves substrate binding in temperate environments. <i>Communications Biology</i> , 2018, 1, 171.	4.4	12
46	Novel Ethanol- and 5-Hydroxymethyl Furfural-Stimulated Î²-Glucosidase Retrieved From a Brazilian Secondary Atlantic Forest Soil Metagenome. <i>Frontiers in Microbiology</i> , 2018, 9, 2556.	3.5	15
47	Engineering of Î²-Glucosidase Bgl15 with Simultaneously Enhanced Glucose Tolerance and Thermostability To Improve Its Performance in High-Solid Cellulose Hydrolysis. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5391-5401.	5.2	14
49	Glucosidase Inhibitors Screening in Microalgae and Cyanobacteria Isolated from the Amazon and Proteomic Analysis of Inhibitor Producing <i>Synechococcus</i> sp. GFB01. <i>Microorganisms</i> , 2021, 9, 1593.	3.6	6
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53	Localization of the Î²-Glucosidases in <i>Neurospora crassa</i> . <i>Journal of Bacteriology</i> , 1970, 101, 408-417.	2.2	50
54	Biochemical and Genetic Characterization of Î²-Glucosidase Mutants in <i>Saccharomyces lactis</i> . <i>Journal of Bacteriology</i> , 1972, 110, 196-201.	2.2	18
55	Induction of Î²-Glucosidases in <i>Neurospora crassa</i> . <i>Journal of Bacteriology</i> , 1973, 116, 295-303.	2.2	39
56	Cellulase of <i>Neurospora crassa</i> . <i>Journal of Bacteriology</i> , 1977, 130, 181-186.	2.2	70
57	beta-Glucosidase activity in mycobacteria. <i>Journal of Clinical Microbiology</i> , 1977, 5, 383-384.	3.9	19

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58	Chromosomal loci of <i>Neurospora crassa</i> . <i>Microbiological Reviews</i> , 1982, 46, 426-570.	10.1	360
59	Regulation of Cellulase and Hemicellulase Gene Expression in Fungi. <i>Current Genomics</i> , 2013, 14, 230-249.	1.6	212
60	Novel Approaches to Improve Cellulase Biosynthesis for Biofuel Production – Adjusting Signal Transduction Pathways in the Biotechnological Workhorse <i>Trichoderma reesei</i> . , 0, , .		7
62	Function. , 1967, , 340-438.		0
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73	A Novel Neutral and Mesophilic β -Glucosidase from Coral Microorganisms for Efficient Preparation of Gentiooligosaccharides. <i>Foods</i> , 2021, 10, 2985.	4.3	2
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75	Discovery of novel carbohydrate degrading enzymes from soda lakes through functional metagenomics. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	2
76	Synthetic Biology Toolbox for Antarctic <i>Pseudomonas</i> sp. Strains: Toward a Psychrophilic Nonmodel Chassis for Function-Driven Metagenomics. <i>ACS Synthetic Biology</i> , 2023, 12, 722-734.	3.8	2
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