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## Use of Dinitrosalicylic Acid Reagent for Determination of Reducing Sugar

DOI: 10.1021/ac60147a030

Analytical Chemistry, 1959, 31, 426-428.

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2092	A manual method for the spectrophotometric determination of reducing carbohydrates with 2-cyanoacetamide. <b>1982</b> , 119, 194-9	75
2091	Effect of nutritional factors on cellulase enzyme and microbial protein production by <i>Aspergillus terreus</i> and its evaluation. <b>1982</b> , 24, 109-25	19

2090	Enhancement of enzymatic hydrolysis by simultaneous attrition of cellulosic substrates. <b>1982</b> , 24, 293-304	31
2089	Kinetics of immobilized sucrose phosphorylase. <b>1982</b> , 24, 317-28	9
2088	Studies on the properties of cellulase enzyme from <i>Aspergillus terreus</i> GN1. <b>1982</b> , 24, 737-42	27
2087	Effects of polyphenolic compounds on the growth and cellulolytic activity of a strain of <i>Trichoderma viride</i> . <b>1982</b> , 24, 983-9	11
2086	Effect of compression milling on cellulose structure and on enzymatic hydrolysis kinetics. <b>1982</b> , 24, 1047-67	106
2085	Effect of dithiocarbamates on cellulase activity in culture filtrates of <i>Trichoderma reesei</i> . <b>1982</b> , 24, 1233-40	1
2084	Enzymatic hydrolysis of cellulose and various pretreated wood fractions. <b>1982</b> , 24, 1389-402	170
2083	Technology advances for continuous compression milling pretreatment of lignocellulosics for enzymatic hydrolysis. <b>1982</b> , 24, 1495-505	34
2082	Farm-scale production of fuel ethanol and wet grain from corn in a batch process. <b>1982</b> , 24, 1681-99	25
2081	Cellulase production by wild and a new mutant strain of <i>Thermomonospora</i> sp. <b>1982</b> , 24, 1901-4	16
2080	Adsorption of cellulase on cellulose: Effect of physicochemical properties of cellulose on adsorption and rate of hydrolysis. <b>1982</b> , 24, 2137-53	144
2079	Continuous glutamate production using an immobilized whole-cell system. <b>1982</b> , 24, 2167-74	33
2078	Kinetic studies of enzymatic hydrolysis of insoluble cellulose: analysis of the initial rates. <b>1982</b> , 24, 2383-406	166
2077	Production of SCP and cellulase by <i>Aspergillus terreus</i> from bagasse substrate. <b>1982</b> , 24, 2407-17	17
2076	Screening of highly cellulolytic fungi and the action of their cellulase enzyme systems. <b>1982</b> , 4, 414-418	44
2075	Simultaneous saccharification and fermentation of cellulose: effect of $\beta$ -d-glucosidase activity and ethanol inhibition of cellulases. <b>1982</b> , 4, 425-430	87
2074	Optimum conditions for determining depolymerisation of pectic substances with the Sumner reagent. <b>1982</b> , 9, 205-212	3
2073	Power solvent production by <i>Klebsiella pneumoniae</i> grown on sugars present in wood hemicellulose. <b>1982</b> , 4, 121-126	50

2072	beta-Glucosidase excretion by <i>Trichoderma pseudokoningii</i> : correlation with cell wall bound beta-1.3-glucanase activities. <b>1982</b> , 132, 349-54	123
2071	Relationship between ball milling and the susceptibility of wood to digestion by cellulase. <b>1982</b> , 16, 279-285	19
2070	Glucose production using immobilized mycelial-associated $\beta$ -glucosidase of <i>Trichoderma</i> E58. <b>1982</b> , 4, 513-518	14
2069	Butanol production of <i>Clostridium acetobutylicum</i> grown on sugars found in hemicellulose hydrolysates. <b>1982</b> , 4, 247-252	46
2068	Continuous glucose production using encapsulated mycelial-associated $\beta$ -glucosidase from <i>Trichoderma</i> E58. <b>1982</b> , 4, 715-720	6
2067	Production of 2,3-butanediol by <i>Klebsiella pneumoniae</i> grown on acid hydrolyzed wood hemicellulose. <b>1982</b> , 4, 741-746	52
2066	Determination of pentose sugars in fermentation solutions by a simple gas chromatographic procedure. <b>1982</b> , 4, 679-684	4
2065	Single step conversion of cellulose to ethanol by a mesophilic coculture. <b>1982</b> , 4, 177-180	15
2064	Improved enzymic digestibility of sugar cane bagasse following high temperature autohydrolysis. <b>1982</b> , 4, 187-192	8
2063	Regulation of heparinase synthesis in <i>Flavobacterium heparinum</i> . <b>1982</b> , 15, 252-257	28
2062	Optimization of <i>Clostridium thermocellum</i> growth on cellulose and pretreated wood substrates. <b>1982</b> , 16, 99-104	49
2061	Effect of dilution rate on $\beta$ -glucosidase secretion and cell wall metabolism in <i>Trichoderma aureoviride</i> cultivated in a continuous air lift fermenter. <b>1982</b> , 16, 189-196	12
2060	BREAKDOWN OF XYLAN BY ENZYMES FROM HUMAN COLONIC BACTERIA. <b>1982</b> , 6, 39-56	16
2059	Is uronic acid oxidase involved in the hormonal regulation of abscission in explants of citrus leaves and fruits?. <b>1982</b> , 56, 168-176	4
2058	Isolation of a Stachyose-Sucrose Complex from Soybeans and Peanuts. <b>1983</b> , 48, 1269-1271	10
2057	A Role for Pectinase and Protease Inhibitors in Fungal Rot Development in Tomato Fruits. <b>1983</b> , 106, 239-251	34
2056	Lipid from yeast fermentation: Effects of cultural conditions on lipid production and its characteristics of <i>Rhodotorula glutinis</i> . <b>1983</b> , 60, 1281-1286	58
2055	Enzymatische Hydrolyse und Ethanolgärung von Lignocellulosen. <b>1983</b> , 3, 163-169	1

2054	The fermentation of different carbon sources by <i>Fusarium oxysporum</i> . <b>1983</b> , 5, 721-724	27
2053	Some kinetic properties of the $\beta$ -D-glucosidase (cellobiase) in a commercial cellulase product from <i>Penicillium funiculosum</i> and its relevance in the hydrolysis of cellulose. <b>1983</b> , 5, 457-462	35
2052	Protein enrichment of treated and untreated leached beet cosette. <b>1983</b> , 5, 305-310	10
2051	The nature of inhibitory materials present in pretreated lignocellulosic substrates which inhibit the enzymatic hydrolysis of cellulose. <b>1983</b> , 5, 531-536	83
2050	Comparative degradation of cellulose and sugar formation by three newly isolated mesophilic anaerobes and <i>Clostridium thermocellum</i> . <b>1983</b> , 5, 395-398	15
2049	Ethanol production using <i>Zymomonas mobilis</i> immobilized on an ion exchange resin. <b>1983</b> , 5, 159-164	61
2048	Enzymatic hydrolysis of agricultural residues by <i>Trichoderma</i> cellulases and the fermentation of the liberated sugars to ethanol. <b>1983</b> , 5, 101-106	33
2047	Pentose fermentation by yeasts. <b>1983</b> , 5, 107-112	24
2046	Direct monitoring of the liquid and gas phases during a fermentation in a computer-mass-spectrometer-fermentor system. <b>1983</b> , 18, 135-140	20
2045	The effect of carboxymethyl-cellulose addition on extracellular enzyme formation in <i>Trichoderma pseudokoningii</i> . <b>1983</b> , 17, 339-343	5
2044	Sphaeroplast formation and regeneration in <i>Trichoderma reesei</i> . <b>1983</b> , 17, 121-128	24
2043	Increased ethanol production and tolerance by a pyruvate-negative mutant of <i>Clostridium saccharolyticum</i> . <b>1983</b> , 18, 71-74	23
2042	Diauxic utilization of glucose-cellobiose mixtures by <i>Candida wickerhamii</i> . <b>1983</b> , 18, 369-373	14
2041	Utilization of glucose and cellobiose by <i>Candida wickerhamii</i> . <b>1983</b> , 17, 281-286	14
2040	Structural properties of cellulose and cellulase reaction mechanism. <b>1983</b> , 25, 33-51	104
2039	Structural modification of lignocellulosics by pretreatments to enhance enzymatic hydrolysis. <b>1983</b> , 25, 157-72	218
2038	Pitfalls in the assay of carboxymethylcellulase activity. <b>1983</b> , 25, 377-85	22
2037	Continuous simultaneous saccharification and fermentation of starch using <i>Zymomonas mobilis</i> . <b>1983</b> , 25, 659-69	49

2036	Kinetic studies of enzymatic hydrolysis of insoluble cellulose: (II). Analysis of extended hydrolysis times. <b>1983</b> , 25, 939-66	131
2035	Continuous production of L-tryptophan from indole and L-serine by immobilized Escherichia coli cells. <b>1983</b> , 25, 1013-25	30
2034	Bioconversion of cellulose into ethanol by Clostridium thermocellum--product inhibition. <b>1983</b> , 25, 1109-26	35
2033	Some effects of metal ions on the estimation of reducing sugars in biological media. <b>1983</b> , 25, 1905-11	28
2032	Fuel ethanol and high protein feed from corn and corn-whey mixtures in a farm-scale plant. <b>1983</b> , 25, 2127-48	19
2031	Estimation of biomass concentration in the presence of solids for the purpose of parameter estimation. <b>1983</b> , 25, 2469-77	11
2030	Catalytic solvent delignification of agricultural residues: Organic catalysts. <b>1983</b> , 25, 2577-90	48
2029	Utilization of statistics and experimental design in data collection and analysis. <b>1983</b> , 25, 2683-705	25
2028	Kinetic studies of enzymatic hydrolysis of insoluble cellulose: Derivation of a mechanistic kinetic model. <b>1983</b> , 25, 2707-33	82
2027	Enzymic saccharification of wheat straw--differences in the degradability of straw derived from different cultivars of winter wheat. <b>1983</b> , 34, 433-439	13
2026	Liquid membrane phenomena in chlorpromazine action. <b>1983</b> , 17, 187-92	17
2025	Mutants of the white-rot fungus Sporotrichum pulverulentum with increased cellulase and $\beta$ -d-glucosidase production. <b>1983</b> , 5, 425-429	38
2024	Performance of an immobilized yeast reactor system for ethanol production. <b>1983</b> , 5, 41-45	46
2023	Comparison of the rates of enzymatic hydrolysis of pretreated rice straw and bagasse with celluloses. <b>1983</b> , 5, 281-284	13
2022	Adsorption of Saccharomyces cerevisiae onto cellulose and ECTEOLA-cellulose films for ethanol production. <b>1983</b> , 5, 181-184	5
2021	Studies on cellulolytic enzyme production by Trichoderma sp. utilising bagasse. <b>1983</b> , 6, 99-113	6
2020	Growth requirements of Clostridium saccharolyticum, an ethanologenic anaerobe. <b>1983</b> , 29, 348-353	9
2019	Ethanol production by a newly isolated anaerobe, Clostridium saccharolyticum: effects of culture medium and growth conditions. <b>1983</b> , 29, 342-347	26

2018	Molecular cloning of a <i>Bacillus subtilis</i> xylanase gene in <i>Escherichia coli</i> . <b>1983</b> , 26, 59-65	74
2017	Association of <i>Aspergillus fumigatus</i> with sugar-cane bagasse, biochemical and physiological studies. <b>1983</b> , 81, 213-219	4
2016	Enhanced acetone-butanol fermentation by <i>Clostridium acetobutylicum</i> grown on d-xylose in the presence of acetic or butyric acid. <b>1983</b> , 18, 103-107	21
2015	Beta-glucosidase excretion in <i>Trichoderma</i> strains with different cell wall bound beta-1,3-glucanase activities. <b>1983</b> , 29, 163-9	27
2014	Variation in Cellulase Activity in <i>Physa heterostropha</i> (Gastropoda) and Other Species of Gastropods in a New England Pond. <b>1983</b> , 109, 280	8
2013	Enzymatic Conversion of Lignocellulosic Materials to Sugars. <b>1983</b> , 3, 261-287	24
2012	Sugarbeet ( <i>Beta vulgaris</i> L.) Response to Simulated Herbicide Spray Drift. <b>1983</b> , 31, 831-836	19
2011	The Cellulase System of <i>Cellulomonas fimi</i> . <b>1984</b> , 130, 1367-1376	3
2010	Some Biochemical and Morphological Characteristics of Serotypes of <i>Verticillium albo-atrum</i> from Hop. <b>1984</b> , 130, 3203-3218	
2009	Hydrolyse Enzymatique des P <sup>h</sup> res de Bambou: Influence des Modes de Cuisson et des Traitements Mecaniques. <b>1984</b> , 38, 343-351	
2008	Production of ethanol by bioconversion of wood sugars derived from two-stage dilute acid hydrolysis of hardwood. <b>1984</b> , 6, 101-110	33
2007	A study of acetate production from cellulose using <i>Clostridium thermocellum</i> . <b>1984</b> , 4, 295-303	11
2006	Comparative study of cellulases and hemicellulases from four fungi: mesophiles <i>Trichoderma reesei</i> and <i>Penicillium</i> sp. and thermophiles <i>Thielavia terrestris</i> and <i>Sporotrichum cellulophilum</i> . <b>1984</b> , 6, 175-180	84
2005	Oxygen requirements for d-xylose fermentation to ethanol and polyols by <i>Pachysolen tannophilus</i> . <b>1984</b> , 6, 447-450	51
2004	Effect of attached carbohydrates on the activity of <i>Trichoderma viride</i> cellulases. <b>1984</b> , 6, 467-470	13
2003	Purification of <i>Geotrichum candidum</i> endopolygalacturonase from culture and from host tissue by affinity chromatography on cross-linked polypectate. <b>1984</b> , 25, 161-169	31
2002	Amylolytic lactic acid bacteria in fish silage. <b>1984</b> , 57, 221-228	25
2001	Production of polysaccharide-degrading enzymes by saprophytic fungi from glyphosate-treated flax and their involvement in retting. <b>1984</b> , 105, 65-74	45



2000	Continuous production of ethanol by yeast "immobilized" in a membrane-contained fermentor. <b>1984</b> , 26, 252-6	35
1999	Competitive adsorption of cellulase components and its significance in a synergistic mechanism. <b>1984</b> , 26, 488-96	119
1998	The effect of organosolv pretreatment on the enzymatic hydrolysis of poplar. <b>1984</b> , 26, 670-6	82
1997	Degradation of a washed carrot preparation by cellulases and pectinases. <b>1984</b> , 26, 788-96	25
1996	Enzymatic hydrolysis of cocoa pod husks. <b>1984</b> , 26, 807-10	2
1995	Production of ethyl acetate from dilute ethanol solutions by <i>Candida utilis</i> . <b>1984</b> , 26, 1038-41	37
1994	A continuous, farm-scale, solid-phase fermentation process for fuel ethanol and protein feed production from fodder beets. <b>1984</b> , 26, 1098-107	44
1993	Pretreatment of indian cane molasses for increased production of citric acid. <b>1984</b> , 26, 1114-21	33
1992	Production of high-fructose rice syrup and high-protein rice flour from broken rice. <b>1984</b> , 35, 1128-1135	27
1991	Abbau von Mischsubstraten durch Hefen II. Substrate der Sulfitablauge, Vergleich von Produktionsst <sup>z</sup> immen. <b>1984</b> , 24, 21-31	1
1990	Conversion of dextrinized cassava starch into ethanol using cultures of <i>Aspergillus awamori</i> and <i>Saccharomyces cerevisiae</i> . <b>1984</b> , 6, 60-64	4
1989	Ethanol production from whey permeate by immobilized yeast cells. <b>1984</b> , 6, 18-22	30
1988	Studies on dextranase from <i>Penicillium aculeatum</i> . <b>1984</b> , 6, 217-220	26
1987	A study on the ethanol production by immobilized cells of <i>Zymomonas mobilis</i> . <b>1984</b> , 1, 13-19	11
1986	The combined enzymatic hydrolysis and fermentation of hemicellulose to 2,3-butanediol. <b>1984</b> , 19, 365-372	29
1985	Cellulase secretion from a hyper-cellulolytic mutant of <i>Trichoderma reesei</i> Rut-C30. <b>1984</b> , 140, 126-133	50
1984	Induction of cellulose- and xylan-degrading enzyme complex in the yeast <i>Trichosporon cutaneum</i> . <b>1984</b> , 138, 371-376	51
1983	Highly efficient solubilization of natural lignocellulosic materials by a commercial cellulase immobilized on various solid supports. <b>1984</b> , 19, 306	12

1982	Fermentation of arabinose to ethanol by <i>Sarcina ventriculi</i> . <b>1984</b> , 19, 161-166	31
1981	Immobilization of invertase on polyethylenimine-coated cotton cloth. <b>1984</b> , 6, 165-170	26
1980	Cellulase and xylanase production by <i>Trichoderma reesei</i> Rut C-30. <b>1984</b> , 6, 119-122	20
1979	Preparation of hydrophobic cotton cloth. <b>1984</b> , 6, 301-306	13
1978	Ethanol fermentation of hexose and pentose wood sugars produced by hydrogen-fluoride solvolysis of aspen chips. <b>1984</b> , 6, 323-326	14
1977	The bioconversion of wood hydrolyzates to butanol and butanediol. <b>1984</b> , 6, 327-332	37
1976	Solid state fermentation of oat straw by <i>Polyporus</i> sp A-336 and the effect of added sugars. <b>1984</b> , 6, 657-662	7
1975	Use of pretreated lignocellulose for the production of cellulases. <b>1984</b> , 6, 663-666	12
1974	Effect of calcium chloride on the growth and ethanol production by free cells of <i>Zymomonas mobilis</i> . <b>1984</b> , 6, 673-676	8
1973	Film fermentor for ethanol production by yeast immobilized on cotton cloth. <b>1984</b> , 6, 797-802	14
1972	Conversion of cellobiose and xylose to ethanol by immobilized growing cells of <i>Clostridium saccharolyticum</i> on charcoal support. <b>1984</b> , 6, 809-812	4
1971	Production of 2,3-butanediol from HF-hydrolyzed aspen wood. <b>1984</b> , 6, 611-614	5
1970	Ethanol production from cassava and sago starch using <i>Zymomonas mobilis</i> . <b>1984</b> , 6, 615-620	19
1969	Elution of <i>Trichoderma reesei</i> cellulase from cellulose by pH adjustment with sodium hydroxide. <b>1984</b> , 6, 369-374	18
1968	Relation between filter paper activity and saccharifying ability of a <i>Trichoderma</i> cellulase system. <b>1984</b> , 6, 375-378	12
1967	The effect of yeast extract on the fermentation of glucose to 2,3-butanediol by <i>Bacillus polymyxa</i> . <b>1984</b> , 6, 535-540	21
1966	2,3-Butanediol production from xylose and other hemicellulosic components by <i>Bacillus polymyxa</i> . <b>1984</b> , 6, 257-262	43
1965	Effects of metabolic inhibitors on the alcoholic fermentation by several yeasts in batch or in immobilized cell systems. <b>1984</b> , 19, 91-99	28

1964	Isolation and Characterization of Escherichia coli Clones Expressing Cellulase Genes from Cellulomonas fimi. <b>1984</b> , 130, 1377-1384	4
1963	Epicoccum nigrum, a primary saprophyte involved in the retting of flax. <b>1984</b> , 83, 29-35	37
1962	Production of Microbial Enzymes from Agroindustrial By-products. <b>1984</b> , 434, 110-114	7
1961	Levels of chitinolytic activity during development of three entomopathogenic fungi. <b>1984</b> , 79, 339-348	7
1960	The enzymatic hydrolysis and fermentation of pretreated wood substrates. <b>1984</b> , 2, 161-81	12
1959	A RAPID METHOD FOR THE DETERMINATION OF DIASTATIC POWER. <b>1984</b> , 90, 37-39	20
1958	A comparison between the cellulase systems of Trichoderma harzianum E58 and Trichoderma reesei C30. <b>1985</b> , 22, 139	33
1957	Direct alcoholic fermentation of starchy biomass using amyolytic yeast strains in batch and immobilized cell systems. <b>1985</b> , 22, 237-245	24
1956	Optimal conditions for pretreatment of rice straw with n-butylamine for enzymatic solubilization. <b>1985</b> , 22, 13	9
1955	Cross-breeding of selected and mutated homokaryotic strains of Phanerochaete chrysosporium K-3: New cellulase deficient strains with increased ability to degrade lignin. <b>1985</b> , 21, 320	57
1954	Butanediol production from lignocellulosic substrates by Klebsiella pneumoniae grown in sequential co-culture with Clostridium thermocellum. <b>1985</b> , 22, 399	6
1953	Xylanase production in solid-state fermentation: a study of its properties. <b>1985</b> , 22, 177	30
1952	Production, purification, and properties of $\beta$ -glucosidase from Candida wickerhamii. <b>1985</b> , 21, 148-153	7
1951	Studies on the extracellular xylanase activity of some thermophilic actinomycetes. <b>1985</b> , 21, 238-244	81
1950	Studies on the structural features of sodium alginate entrapped Kluyveromyces marxianus NCYC179 cells used for alcohol production from whey permeate. <b>1985</b> , 17, 46-50	2
1949	Continuous alcohol production from whey permeate using immobilised cell reactor systems. <b>1985</b> , 17, 60-63	2
1948	Kinetic properties of $\beta$ -d-galactosidase from Lactobacillus fermenti. <b>1985</b> , 7, 207-211	9
1947	A simple method for xylanase preparation used for the hydrolysis and fermentation of hemicellulose to butanediol. <b>1985</b> , 7, 425-430	8

1946	Use of charcoal to minimize end product inhibition in enzymatic hydrolysis of cellulose. <b>1985</b> , 7, 447-450	3
1945	Butanol production from cellulosic substrates by sequential co-culture of <i>Clostridium thermocellum</i> and <i>C. acetobutylicum</i> . <b>1985</b> , 7, 509-514	29
1944	Enhanced enzymatic hydrolysis of lignocellulosic biomass pretreated by low-pressure steam autohydrolysis. <b>1985</b> , 7, 531-536	29
1943	Partial characterization of an <i>Escherichia coli</i> strain harboring a xylanase encoding plasmid. <b>1985</b> , 7, 797-802	2
1942	Continuous-flow fermentation of banana fruit pulp sugar into ethanol by carrageenan-immobilized yeast. <b>1985</b> , 7, 819-820	13
1941	Cellulase and beta-glucosidase production by mixed culture of <i>Trichoderma reesei</i> rut C30 and <i>Aspergillus phoenicis</i> . <b>1985</b> , 7, 185-190	38
1940	Lignocellulosic biomass fractionation: I - solvent extraction in a novel reactor. <b>1985</b> , 7, 213-216	4
1939	Immobilization of glucoamylase on naphthyl cotton cloth. <b>1985</b> , 7, 769-772	2
1938	A constitutive endoglucanase (CMCase) from <i>Bacillus licheniformis</i> -1. <b>1985</b> , 7, 695-697	21
1937	Acetone-butanol fermentation of xylose and sugar mixtures. <b>1985</b> , 7, 255-260	21
1936	Ethanol and sugar tolerance of <i>Candida shehatae</i> . <b>1985</b> , 7, 909-912	21
1935	Cellulolytic activity of Actinomycetes isolated from termites (Termitidae) gut. <b>1985</b> , 26, 107-112	74
1934	Increased chitinase production by a non-pigmented mutant of <i>Serratia marcescens</i> . <b>1985</b> , 26, 265-269	14
1933	A Comparison of Enzymatic and Lime Treatments for Extraction of Alcohol Soluble Solids from Citrus Peel. <b>1985</b> , 50, 1211-1212	11
1932	A rapid method for determining the carbohydrate component of dietary fibre. <b>1985</b> , 17, 273-287	27
1931	Isolation and characterization of 1,4- $\beta$ -glucan 4-glucanohydrolases (EC 3.2.1.4) from a technical <i>Trichoderma viride</i> cellulase. <b>1985</b> , 17, 131-142	4
1930	Isoelectric focusing separation of <i>Gliocladium</i> enzyme components. <b>1985</b> , 347, 310-315	2
1929	Fermentation alcohol from grain sorghum starch. <b>1985</b> , 8, 101-117	22

1928	Radiation degradation of short-cotton linters. <b>1985</b> , 25, 911-916	1
1927	Purification and characterization of two d-xylanases from <i>Trichoderma harzianum</i> . <b>1985</b> , 7, 425-430	70
1926	Kinetics of ethanol production by immobilized cells of <i>Zymomonas mobilis</i> at varying d-glucose concentrations. <b>1985</b> , 7, 462-464	15
1925	β-d-Glucosidase: multiplicity of activities and significance to enzymic saccharification of cellulose. <b>1985</b> , 7, 465-467	13
1924	Alkali process for enhancing susceptibility of autohydrolysed beech sawdust to enzymatic hydrolysis. <b>1985</b> , 7, 126-128	11
1923	Microbial degradation of bagasse: Isolation and cellulolytic properties of Basidiomycetes Spp. from biomanure from a biogas plant. <b>1985</b> , 12, 273-285	12
1922	The liquid-membrane phenomenon in steroidal drugs. <b>1985</b> , 14, 1-10	10
1921	Recycle of the cellulase-enzyme complex after hydrolysis of steam-exploded wood. <b>1985</b> , 11, 433-443	31
1920	Studies on enzymes in the salivary glands of <i>Lygus rugulipennis</i> (Hemiptera, miridae). <b>1985</b> , 15, 211-224	60
1919	Screening and identification of extractive fermentation solvents using a database. <b>1985</b> , 63, 919-927	59
1918	Enhancement of enzymatic degradation of cellulose by application of mixed enzyme systems of different fungal origin. <b>1985</b> , 5, 27-33	9
1917	Autohydrolysis extraction process as a pretreatment of lignocelluloses for their enzymatic hydrolysis. <b>1985</b> , 5, 353-361	2
1916	Influence of preformed characteristics of lemon peel on susceptibility to <i>Geotrichum candidum</i> . <b>1985</b> , 26, 151-163	7
1915	Studies on dosa—indigenous Indian fermented food: some biochemical changes accompanying fermentation. <b>1985</b> , 2, 175-181	20
1914	A cellulase assay coupled to cellobiose dehydrogenase. <b>1985</b> , 147, 419-27	9
1913	Production, purification and partial characterization of an endo-polygalacturonase from <i>Cryptococcus albidus</i> var. <i>albidus</i> . <b>1985</b> , 51, 139-50	44
1912	Comparison of the 3,5-dinitrosalicylic acid and Nelson-Somogyi methods of assaying for reducing sugars and determining cellulase activity. <b>1985</b> , 7, 327-332	132
1911	Cell-wall-degrading enzymes of aquatic hyphomycetes: a review. <b>1985</b> , 91, 67-81	80

1910	The role of carboxyl groups in the function of endo-beta-1,4-glucanase from <i>Schizophyllum commune</i> . <b>1985</b> , 149, 233-8	47
1909	Optimization of solid substrate fermentation of wheat straw. <b>1985</b> , 27, 20-7	68
1908	Solid-state fermentation of sweet sorghum to ethanol. <b>1985</b> , 27, 34-40	57
1907	Chemical and enzymic pretreatment of corn stover to produce soluble fermentation substrates. <b>1985</b> , 27, 362-8	8
1906	Filament formation and ethanol production by <i>Zymomonas mobilis</i> in adsorbed cell bioreactors. <b>1985</b> , 27, 626-31	24
1905	Kinetic characterization of the extracellular xylanases of <i>Thermomonospora</i> sp. <b>1985</b> , 27, 832-6	27
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1903	Solid-state fermentation of sweet sorghum to ethanol in a rotary-drum fermentor. <b>1985</b> , 27, 1122-5	53
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1537	Influence of 2-deoxy-D-glucose upon growth and invertase activity of carrot ( <i>Daucus carota</i> L.) cell suspension cultures. <b>1989</b> , 16, 89-102	4
1536	Comparison of photomixotrophic and heterotrophic callus and suspension cultures of <i>Pinus elliottii</i> . 1. Photosynthetic properties and ultrastructural evidence for coexistence of starch granules and secondary metabolites. <b>1989</b> , 17, 205-224	2
1535	Xylanase production by <i>Trichoderma harzianum</i> E58. <b>1989</b> , 32, 137-142	18
1534	Performance of an external loop air-lift bioreactor for the production of monoclonal antibodies by immobilized hybridoma cells. <b>1989</b> , 30, 264	26
1533	Stimulation of extracellular protein production in <i>Bacillus brevis</i> 47. <b>1989</b> , 31, 338	4

1532	Comparison of methods for quantifying the hydrolytic potential of cellulase enzymes. <b>1989</b> , 31, 413	19
1531	Cloning and sequencing of an endoglucanase (end1) gene from <i>Butyrivibrio fibrisolvens</i> H17c. <b>1989</b> , 219, 193-8	49
1530	Ethanol production from xylose with a pyruvate-formate-lyase mutant of <i>Klebsiella planticola</i> carrying a pyruvate-decarboxylase gene from <i>Zymomonas mobilis</i> . <b>1989</b> , 31, 152-157	25
1529	Production of cellulases by a wild strain of <i>Gliocladium virens</i> : optimization of the fermentation medium and partial characterization of the enzymes. <b>1989</b> , 31-31, 601-608	16
1528	Extracellular polysaccharides of cowpea rhizobia: compositional and functional studies. <b>1989</b> , 153, 38-42	41
1527	Sugar unloading in roots of <i>Ricinus communis</i> L.: I. The characteristics of enzymes concerned with sucrose catabolism and a comparison of, their distribution in root and shoot tissues. <b>1989</b> , 111, 369-379	12
1526	GAMMA RADIATION DOSE RATE AND SWEET POTATO QUALITY. <b>1989</b> , 12, 369-376	8
1525	Stimulation of xylanase synthesis in <i>Cryptococcus albidus</i> by cyclic AMP. <b>1989</b> , 57, 57-60	16
1524	Conserved serine-rich sequences in xylanase and cellulase from <i>Pseudomonas fluorescens</i> subspecies <i>cellulosa</i> : internal signal sequence and unusual protein processing. <b>1989</b> , 3, 1211-9	109
1523	Determination of reducing sugars with a 2,4-dinitrophenolate-selective membrane electrode. <b>1989</b> , 218, 37-46	8
1522	Special Submers Screening of Cellulolytic Fungi and Selection of <i>Penicillium</i> Wild Strains for Cellulase Production with High Substrate Concentration. <b>1989</b> , 144, 81-96	7
1521	Phenotypic optimization studies on Cellulase Production by a Selected <i>Penicillium janthinellum</i> strain. <b>1989</b> , 144, 443-464	1
1520	Carboxymethyl cellulase, $\alpha$ -glucosidase and xylanase production by <i>Bacillus</i> isolates from soil. <b>1989</b> , 25, 1-5	15
1519	Cellulolytic activity as a novel approach to assess long-term zinc stress to <i>Corbicula</i> . <b>1989</b> , 23, 1275-1283	15
1518	Fermentation of Idli: Effects of changes in raw material and physico-chemical conditions. <b>1989</b> , 10, 227-238	17
1517	Screening of some wild fungal isolates for cellulolytic activities. <b>1989</b> , 8, 67-70	16
1516	Regulation of the production of hemicellulolytic and cellulolytic enzymes by a <i>Streptomyces</i> sp. growing on lignocellulose. <b>1989</b> , 135, 285-92	17
1515	Developmentally related changes in the production and expression of endo-beta-1,4-glucanases in <i>Aspergillus nidulans</i> . <b>1989</b> , 32, 288-92	6

1514	Elucidation of some in vitro exo-pectolytic enzymes by mango anthracosis fungus <i>Colletotrichum gloeosporioides</i> Penz. <b>1989</b> , 25, 197-199	
1513	Purification and characterization of a heterogeneous glycosylated invertase from the rumen holotrich ciliate <i>Isotricha prostoma</i> . <b>1989</b> , 264, 721-7	6
1512	The pectin-degrading system of <i>Penicillium capsulatum</i> : characterization of an extracellular polygalacturonase from solid-state cultures. <b>1989</b> , 17, 384-385	8
1511	Essential carboxy groups in xylanase A. <b>1990</b> , 270, 91-6	45
1510	Xylanase B and an arabinofuranosidase from <i>Pseudomonas fluorescens</i> subsp. <i>cellulosa</i> contain identical cellulose-binding domains and are encoded by adjacent genes. <b>1990</b> , 272, 369-76	171
1509	Application of gel filtration chromatography for monitoring cellulase production from <i>Trichoderma viride</i> .. <b>1990</b> , 23, 497-499	7
1508	Gelatinization and Liquefaction of Starch with a Heat Stable $\alpha$ -Amylase. <b>1990</b> , 55, 1365-1366	9
1507	The N-terminal region of an endoglucanase from <i>Pseudomonas fluorescens</i> subspecies <i>cellulosa</i> constitutes a cellulose-binding domain that is distinct from the catalytic centre. <b>1990</b> , 4, 759-67	91
1506	SPROUT INHIBITION BY GAMMA IRRADIATION IN FRESH GINGER ( <i>ZINGIBER OFFICINALE</i> ROSCOE). <b>1990</b> , 14, 113-122	8
1505	Nutrient limitation of two saccharolytic <i>Clostridia</i> : secretion, sporulation, and solventogenesis. <b>1990</b> , 7, 153-163	
1504	General and kinetic properties of endoglucanase from <i>Aspergillus niger</i> . <b>1990</b> , 71, 221-224	8
1503	Solubilisation of a cell wall bound invertase in <i>Aspergillus nidulans</i> . <b>1990</b> , 71, 265-269	10
1502	Nutrient limitation of two saccharolytic <i>clostridia</i> ; secretion, sporulation, and solventogenesis. <b>1990</b> , 74, 153-163	3
1501	Purification and properties of an endo-1,4-xylanase excreted by a hydrolytic thermophilic anaerobe, <i>Clostridium thermolacticum</i> . A proposal for its action mechanism on larchwood 4-O-methylglucuronoxylan. <b>1990</b> , 187, 573-80	38
1500	Growth and extracellular enzyme production by strains of <i>Bacillus</i> species isolated from fermenting African locust bean, iru. <b>1990</b> , 69, 662-671	31
1499	Purification and characterization of cellulolytic enzymes produced by <i>Aspergillus nidulans</i> . <b>1990</b> , 68, 61-8	34
1498	Fermentation of cassava peels for the production of cellulolytic enzymes. <b>1990</b> , 68, 171-177	7
1497	Hemicellulases of <i>Bacillus</i> species: preliminary comparative studies on production and properties of mannanases and galactanases. <b>1990</b> , 68, 253-61	47

1496	Ethanol production from jerusalem artichoke by inulinase and zymomonas mobilis. <b>1990</b> , 23, 171-180	23
1495	Interactive metabolic regulations during biomethanation of <i>Leucaena leucocephala</i> . <b>1990</b> , 26, 73-84	3
1494	Adsorption of cellulases on steam-pretreated willow. <b>1990</b> , 24-25, 87-101	9
1493	Comparison of three commercial cellulases for production of glucose from acid-treated hardwood. <b>1990</b> , 24-25, 407-414	6
1492	Photobioreactor culture of photosynthetic soybean cells. <b>1990</b> , 24-25, 497-510	3
1491	Protein enrichment of sugar cane by-products using solid-state cultures of <i>Aspergillus terreus</i> . <b>1990</b> , 70, 351-354	24
1490	Adaptation of insect cells to suspension culture. <b>1990</b> , 70, 90-93	24
1489	Chemical modification of xylanases: evidence for essential tryptophan and cysteine residues at the active site. <b>1990</b> , 1041, 172-7	35
1488	Kinetic study of 2,3-butanediol production by <i>Klebsiella oxytoca</i> . <b>1990</b> , 70, 235-240	8
1487	Automatic detection of assimilable nitrogen deficiencies during alcoholic fermentation in oenological conditions. <b>1990</b> , 70, 246-252	309
1486	Steam pretreatment of almond shells for xylose production. <b>1990</b> , 207, 126-130	15
1485	Effect of iso-osmotic levels of salts and PEG-6000 on saccharides, free proline and nitrogen content during early seedling growth of pea ( <i>Pisum sativum</i> L.). <b>1990</b> , 32, 232-237	3
1484	Effects of complete cell recycling on product formation by <i>Lactobacillus casei</i> ssp. <i>rhamnosus</i> in continuous cultures. <b>1990</b> , 20, 287-292	24
1483	Capsule development and structural characterization of acidic extracellular polysaccharides secreted by cowpea <i>Rhizobia</i> . <b>1990</b> , 20, 145-152	6
1482	Subcloning and functional analysis of a <i>Bacillus subtilis</i> $\alpha$ -1,3-1,4-glucanase gene ( <i>bglS</i> ) in <i>Escherichia coli</i> . <b>1990</b> , 21, 267-271	1
1481	Spent brewery grains as substrate for the production of cellulases by <i>Trichoderma reesei</i> QM9414. <b>1990</b> , 5, 153-158	20
1480	Recycle of cellulases and the use of lignocellulosic residue for enzyme production after hydrolysis of steam-pretreated aspenwood. <b>1990</b> , 6, 253-261	15
1479	Purification and some properties of the mannanases from <i>Thielavia terrestris</i> . <b>1990</b> , 6, 269-274	12


1478	Regulation of biosynthesis of bacilysin by <i>Bacillus subtilis</i> . <b>1990</b> , 6, 91-100	27
1477	The use of bacterial alginates to prepare biocontrol formulations. <b>1990</b> , 6, 129-134	16
1476	Extracellular mannanases and galactanases from selected fungi. <b>1990</b> , 6, 171-178	22
1475	Anaerobic digestion of cellulose by pure and mixed bacterial cultures. <b>1990</b> , 5, 269-276	5
1474	Effect of Pullulanase and $\alpha$ -Amylase on Hydrolysis of Waxy Corn Starch. <b>1990</b> , 42, 482-486	3
1473	Thiophene accumulation in hairy roots of <i>Tagetes patula</i> in response to fungal elicitors. <b>1990</b> , 12, 609-614	18
1472	Constitutive exo-pectinase produced by <i>Aspergillus</i> sp. CH-Y-1043 on different carbon source. <b>1990</b> , 12, 655-660	56
1471	Optimizations of carotenoid biosynthesis by controlling sucrose concentration. <b>1990</b> , 12, 905-910	18
1470	Adaptation of <i>Zygosaccharomyces rouxii</i> to changes in water activity in transient continuous culture. <b>1990</b> , 12, 361-366	2
1469	H <sub>2</sub> production from chemostat fermentation of glucose by <i>Clostridium butyricum</i> and <i>Clostridium pasteurianum</i> in ammonium- and phosphate limitation. <b>1990</b> , 12, 731-736	10
1468	Isolation of endopolygalacturonase hyperproducing mutants of <i>Aspergillus</i> sp. CH-Y-1043. <b>1990</b> , 12, 751-756	17
1467	Studies on the alkalophilic <i>Streptomyces</i> with extracellular xylanolytic activity. <b>1990</b> , 12, 225-228	11
1466	Influence of sugars on endoglucanase and $\alpha$ -xylanase activities of a <i>Bacillus</i> strain. <b>1990</b> , 12, 61-64	19
1465	Microbial degradation and utilization of cassava peel. <b>1990</b> , 6, 144-8	16
1464	Endoglucanase production by entrapped <i>Bacillus thermoalkalophilus</i> . <b>1990</b> , 6, 267-72	6
1463	Production of 2,3-butanediol from wood hydrolysate by <i>Klebsiella pneumoniae</i> . <b>1990</b> , 6, 328-32	43
1462	Saccharification of cellulosic substrates by <i>Aspergillus niger</i> cellulase. <b>1990</b> , 6, 333-6	12
1461	Cultivation of <i>Pleurotus florida</i> mushroom on rice straw and biogas production from the spent straw. <b>1990</b> , 6, 366-70	21

1460	Production of ethanol from sugars in wood hydrolysate by <i>Fusarium oxysporum</i> . <b>1990</b> , 6, 10-4	6
1459	Organic and inorganic nitrogen source ratio effects on <i>Bacillus thuringiensis</i> var. <i>israelensis</i> delta-endotoxin production. <b>1990</b> , 6, 27-31	11
1458	Production of cellulases and hemicellulases by an anaerobic mixed culture from lignocellulosic biomass. <b>1990</b> , 6, 39-45	5
1457	Nucleotide sequence of the <i>Ruminococcus albus</i> SY3 endoglucanase genes <i>celA</i> and <i>celB</i> . <b>1990</b> , 223, 217-23	43
1456	Sequencing and expression of a cellodextrinase ( <i>ced1</i> ) gene from <i>Butyrivibrio fibrisolvens</i> H17c cloned in <i>Escherichia coli</i> . <b>1990</b> , 223, 310-8	39
1455	Influence of light on growth and pigmentation of the yeast <i>Phaffia rhodozyma</i> . <b>1990</b> , 57, 191-203	55
1454	Extractive bioconversion for lactic acid production using solid sorbent and organic solvent. <b>1990</b> , 6, 35-41	26
1453	Production of extracellular pectinase enzymes by a mutant (Pol6) of <i>Penicillium occitanis</i> . <b>1990</b> , 34, 308	15
1452	Water relations of polyol accumulation by <i>Zygosaccharomyces rouxii</i> in continuous culture. <b>1990</b> , 33, 12-17	25
1451	The use of canola meal as a substrate for xylanase production by <i>Trichoderma reesei</i> . <b>1990</b> , 33, 21	40
1450	Production and characterization of xylanase from <i>Bacillus thermoalkalophilus</i> grown on agricultural wastes. <b>1990</b> , 34, 141	43
1449	Starch-degrading enzymes from anaerobic non-clostridial bacteria. <b>1990</b> , 33, 602	9
1448	Assessment of methods to determine minimal cellulase concentrations for efficient hydrolysis of cellulose. <b>1990</b> , 32, 614	13
1447	Effect of fungal elicitor on thiophene production in hairy root cultures of <i>Tagetes patula</i> . <b>1990</b> , 33, 145	40
1446	Demethylation of aromatic compounds by strain B10 and complete degradation of 3-methoxybenzoate in co-culture with <i>Desulfosarcina</i> strains. <b>1990</b> , 33, 233	16
1445	Comparison of simultaneous wet milling and enzymatic hydrolysis of cellulose in ball mill and attrition mill reactors. <b>1990</b> , 35, 630-45	22
1444	Enhanced shikonin production from <i>Lithospermum erythrorhizon</i> by in situ extraction and calcium alginate immobilization. <b>1990</b> , 36, 460-6	94
1443	Cassava whey treatment with <i>aspergillus niger</i> . <b>1990</b> , 10, 341-348	1

1442	Production of cellulase in a rotating disc fermenter using immobilized <i>Trichoderma reesei</i> cells. <b>1990</b> , 10, 523-529	7
1441	The influence of CDTA and DPTA on ethanol production from sugar cane molasses using <i>Saccharomyces cerevisiae</i> . <b>1990</b> , 34, 171-5	5
1440	Chemical composition and volatile constituents of canned mango juice. <b>1990</b> , 34, 591-599	4
1439	Chemical composition of juice and seeds of pomegranate fruit. <b>1990</b> , 34, 601-606	73
1438	Effect of lactobacilli inoculation on cassava ( <i>Manihot esculenta</i> ) silage: Fermentation pattern and kinetic analysis. <b>1990</b> , 50, 467-477	13
1437	Physico-chemical and microbiological aspects in composting of grape pulps. <b>1990</b> , 34, 251-258	17
1436	Optimum culture conditions for the production of the extracellular pullulanase of <i>Thermoactinomyces thalophilus</i> . <b>1990</b> , 32, 9-15	3
1435	Improvements in solid-state fermentation for glucoamylase production. <b>1990</b> , 34, 11-19	42
1434	Start-up in anaerobic treatment of natural-rubber effluent. <b>1990</b> , 33, 143-147	1
1433	Analysis of the components of lignocellulose degraded by <i>agaricus bisporus</i> and <i>pleurotus ostreatus</i> . <b>1990</b> , 173, 241-252	11
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1431	Production of polysaccharidases by a cellulase-pectinase hyperproducing mutant (Pol6) of <i>Penicillium occitanis</i> . <b>1990</b> , 12, 691-696	23
1430	Modification of paper properties by the pretreatment of pulp with <i>Saccharomonospora viridis</i> xylanase. <b>1990</b> , 12, 210-213	40
1429	Hydrolysis of concentrated sucrose syrups by invertase immobilized on anion exchanger waste cotton thread. <b>1990</b> , 12, 214-7	25
1428	Comparison of natural hemicellulose and chemically acetylated xylan as substrates for the determination of acetyl-xylan esterase activity in <i>Aspergilli</i> . <b>1990</b> , 12, 127-131	39
1427	Recovery of protein and chlorophyll from alfalfa by simultaneous lactic acid fermentation and enzyme hydrolysis (ENLAC). <b>1990</b> , 12, 921-925	20
1426	Immobilization of cane amylase and acid phosphatase on tricalcium phosphate (TCP) gel. <b>1990</b> , 12, 625-630	12
1425	Gelation of sugarbeet and citrus pectins using enzymes extracted from orange peel. <b>1990</b> , 13, 387-397	39



1424	Properties of exoglucanase from <i>Aspergillus niger</i> .. <b>1990</b> , 36, 245-253	10
1423	The Effect of Ultraviolet Radiation on Mold Rots and Nutrients of Stored Sweet Potatoes. <b>1990</b> , 53, 223-226	58
1422	Cloning, sequencing, and expression of a xylanase gene from the anaerobic ruminal bacterium <i>Butyrivibrio fibrisolvens</i> . <b>1990</b> , 172, 4247-54	53
1421	Effect of the Degree of Acetylation on the Enzymatic Digestion of Acetylated Xylans. <b>1990</b> , 10, 111-121	51
1420	Purification and properties of an extracellular endoglucanase from <i>Myceliophthora thermophila</i> D-14 (ATCC 48104). <b>1990</b> , 136, 1967-71	29
1419	Interactions among leaf toughness, chemistry, and harvesting by attine ants. <b>1990</b> , 15, 311-320	52
1418	Relationships between fungal growth, morphology and fumaric acid production by <i>Rhizopus arrhizus</i> . <b>1990</b> , 94, 505-510	11
1417	Entwicklung eines brennereispezifischen cellulasekomplexes durch optimierung der kultivierungsbedingungen bei ausgewählten <i>Penicillium</i> -stämmen. <b>1990</b> , 145, 433-438	
1416	Ethanol Production in Batch and Continuous Culture from Some Carbohydrates with <i>Clostridium thermosaccharolyticum</i> LMG 6564. <b>1990</b> , 13, 382-387	4
1415	Characterization of an endopolygalacturonase produced by solid-state cultures of the aerobic fungus <i>Penicillium capsulatum</i> . <b>1990</b> , 13, 279-292	20
1414	Pilot scale production of a heterologous <i>Trichoderma reesei</i> cellulase by <i>Saccharomyces cerevisiae</i> . <b>1990</b> , 13, 267-78	54
1413	Intergeneric Protoplast Fusion of <i>Trichoderma reesei</i> RUT C-30 and <i>Penicillium funiculosum</i> Thom MG-171 for Improved Cellulase Production. <b>1990</b> , 613, 575-581	5
1412	Rheological Behavior of Sago Starch during Liquefaction and Saccharification. <b>1990</b> , 613, 610-613	4
1411	Fermentation Properties of Four Strictly Anaerobic Rumen Fungal Species: H <sub>2</sub> -Producing Microorganisms. <b>1990</b> , 361-364	2
1410	Purification and characterization of multiple forms of endochitinase from wheat leaves. <b>1990</b> , 71, 185-197	47
1409	Buchbesprechung. <b>1990</b> , 145, 411-426	
1408	Use of a modified cupric acetate method for the detection and quantitation of xylanolytic activities: a comparative study with the congo red method. <b>1990</b> , 10, 151-4	4
1407	Cell growth and enzyme synthesis of a mutant of <i>Arthrobacter</i> sp. (DSM 3747) used for the production of L-amino acids from D,L-5-monosubstituted hydantoins. <b>1990</b> , 14, 345-61	28

1406	Cellulose degradation by two rumen anaerobic fungi in monoculture or in coculture with rumen bacteria. <b>1991</b> , 32, 131-136	26
1405	Extracellular hydrolytic enzyme production by pathogenic strains of <i>Fusarium oxysporum</i> f.sp. <i>elaeidis</i> . <b>1991</b> , 95, 116-122	5
1404	The effect of junlon PW110 and tween 80 on the production of cellulolytic enzymes by <i>Coprinus cinereus</i> . <b>1991</b> , 95, 1077-1081	14
1403	Production and regulation of $\beta$ -glucanases in <i>Acremonium</i> and <i>Cephalosporium</i> isolates. <b>1991</b> , 95, 352-356	25
1402	Differentiation Between 2,3-Butanediol Producing <i>Bacillus licheniformis</i> and <i>B. polymyxa</i> Strains by Fermentation Product Profiles and Whole-Cell Protein Electrophoretic Patterns. <b>1991</b> , 14, 1-7	23
1401	Pilot scale production of a <i>Trichoderma reesei</i> endo-beta-glucanase by brewer's yeast. <b>1991</b> , 17, 133-46	17
1400	Cytogenetic and biochemical aspects of the cellulolytic fungus <i>Humicola</i> sp.. <b>1991</b> , 95, 169-177	8
1399	Effect of recycling of fermentation broth for the production of penicillin amidase. <b>1991</b> , 26, 7-14	5
1398	Selection of surrogates for a genetically engineered microorganism with cellulolytic capability for ecological studies in streams. <b>1991</b> , 37, 848-857	5
1397	 <b>1991</b> , 5, 22-28	
1396	Fermentation of alfalfa silages with ozonated cotton stalks added. <b>1991</b> , 39, 2002-2005	7
1395	Lipid production by a cellulolytic strain of <i>Aspergillus niger</i> . <b>1991</b> , 12, 200-202	6
1394	Enzymatic retting of jute ribbons. <b>1991</b> , 27, 223-235	6
1393	Transformation of <i>Trichoderma reesei</i> with the cellobiohydrolase II gene as a means for obtaining strains with increased cellulase production and specific activity. <b>1991</b> , 20, 83-94	34
1392	Effect of different durations of steeping and malting on the production of Alpha-amylase in sorghum. <b>1991</b> , 14, 287-296	22
1391	Enzyme production by recombinant <i>Trichoderma reesei</i> strains. <b>1991</b> , 17, 35-49	90
1390	Mode of action of the postharvest biocontrol yeast, <i>Pichia guilliermondii</i> . I. Characterization of attachment to <i>Botrytis cinerea</i> . <b>1991</b> , 39, 245-258	187
1389	Some comparisons of cellulases from two different strains of <i>aspergillus fumigatus</i> . <b>1991</b> , 26, 287-292	5

1388	Comparison of chemical components of healthy and spoiled areca nut. <b>1991</b> , 95, 747-751	4
1387	Regulation of chitinase synthesis in <i>Trichoderma harzianum</i> . <b>1991</b> , 137, 2163-9	85
1386	Isolation of Cellulolytic Fungi for Cellulase and Protein Production from Rice Straw. <b>1991</b> , 146, 467-470	4
1385	Partitioning of [ <sup>14</sup> C]sucrose and Acid Invertase Activity in Reproductive Organs of Pepper Plants in Relation to Their Abscission Under Heat Stress. <b>1991</b> , 67, 371-377	2
1384	Partitioning of [ <sup>14</sup> C]sucrose and Acid Invertase Activity in Reproductive Organs of Pepper Plants in Relation to Their Abscission Under Heat Stress. <b>1991</b> , 67, 371-377	40
1383	Influence of pH on endo- and exo-pectinase production by <i>Aspergillus</i> sp. CH-Y-1043. <b>1991</b> , 37, 912-917	28
1382	Purification and characterization of an endoxylanase from <i>Trichoderma koningii</i> G-39. <b>1991</b> , 278 ( Pt 2), 329-33	37
1381	Isolation and characterization of two endo- $\beta$ -glucanases from solid-state cultures of the aerobic fungus <i>Penicillium capsulatum</i> . <b>1991</b> , 13, 462-469	11
1380	Effects of precursors and stimulating agents on formation of indole alkaloids by <i>C. roseus</i> in a biofilm reactor. <b>1991</b> , 13, 643-647	16
1379	Fermentation of d-xylose by <i>Clostridium butyricum</i> LMG 1213t1 in chemostats. <b>1991</b> , 13, 893-897	22
1378	Cellulases of <i>Trichoderma reesei</i> : influence of culture conditions upon the enzymatic profile. <b>1991</b> , 13, 104-109	22
1377	Effect of particle size of substrate of enzyme production in solid-state fermentation. <b>1991</b> , 37, 169-172	51
1376	Liquid fluidized bed starter culture of <i>Trichoderma reesei</i> for cellulase production. <b>1991</b> , 27, 195-204	8
1375	Glucose utilization by lysine-producing fluoroacetate-sensitive mutants of <i>Corynebacterium glutamicum</i> . <b>1991</b> , 27, 251-257	5
1374	Organosolv-pulping III. <b>1991</b> , 31, 273-282	12
1373	Factors affecting stability of <i>Sclerotium rolfsii</i> UV-8 mutant cellulase complex under saccharification conditions. <b>1991</b> , 31, 75-82	2
1372	The ammonia freeze explosion (AFEX) process. <b>1991</b> , 28-29, 59-74	152
1371	Enrichment of wheat bran by <i>Rhodotorula gracilis</i> through solid-state fermentation. <b>1991</b> , 36, 86-91	11

1370	Production of extracellular cellulase by <i>Lunulospora curvula</i> and <i>Flagellospora penicillioides</i> . <b>1991</b> , 36, 249-55	18
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1018	Ethanol production from nonsterilized carob pod extract by free and immobilized <i>Saccharomyces cerevisiae</i> cells using fed-batch culture. <b>1994</b> , 43, 189-94	35
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1011	Fate of residual xylanase after treatment and bleaching of softwood kraft pulp. <b>1994</b> , 50, 79-83	5

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1009	Preliminary assessment of <i>Penicillium occitanis</i> cellulase: A further useful system. <b>1994</b> , 16, 538-542	17
1008	Intergeneric hybridization of <i>Trichoderma reesei</i> QM9414 and <i>Saccharomyces cerevisiae</i> NCIM 3288 by protoplast fusion. <b>1994</b> , 16, 870-882	12
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1003	Comparison of growth and maintenance parameters for cellulase biosynthesis by <i>Trichoderma reesei</i> -C5 with some published data. <b>1994</b> , 16, 1079-1083	14
1002	Production and characterization of thermostable xylanases by <i>Thermomyces lanuginosus</i> and <i>Thermoascus aurantiacus</i> grown on lignocelluloses. <b>1994</b> , 16, 298-302	57
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911	Modified procedures for extraction and analysis of carrageenan applied to the red alga <i>Hypnea musciformis</i> . <b>1995</b> , 7, 565-576	40
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889	Effects of Ca <sup>2+</sup> and Mg <sup>2+</sup> on <i>Botrytis cinerea</i> and <i>Penicillium expansum</i> in vitro and on the biocontrol activity of <i>Candida oleophila</i> . <b>1995, 44, 1016-1024</b>	131
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885	Copra waste "A novel substrate for solid-state fermentation. <b>1995, 51, 217-220</b>	20

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883	Simultaneous production of ethanol and kraft pulp from pine ( <i>Pinus radiata</i> ) using steam explosion. <b>1995</b> , 53, 217-223	27
882	Production of biogas from night soil at psychrophilic temperature. <b>1995</b> , 53, 147-149	21
881	A practical enzymatic method to estimate wheat straw quality as raw material for mushroom cultivation. <b>1995</b> , 53, 277-281	6
880	Full factorial design to study fermentative production of inulinase using inulin from kuth ( <i>Saussurea lappa</i> ) root power by <i>Aspergillus niger</i> van Teighem UV11 mutant. <b>1995</b> , 54, 117-121	20
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- 671 High hydrostatic pressure-assisted extraction of lipids from *Lipomyces starkeyi* biomass. ○
- 670 Antifungal Chitinase Production by *Bacillus paramycooides* B26 using Squid Pen Powder as a Carbon Source. ○
- 669 Continuous production of fructo-oligosaccharides using selectively immobilized fructosyltransferase from *Aspergillus aculeatus* onto Purolite<sup>®</sup> A109. **2022**, ○

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- 664 Expression of coffee florigen CaFT1 reveals a sustained floral induction window associated with asynchronous flowering in tropical perennials. **2022**, 325, 111479 1
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- 662 Crop residue and potassium management strategies to improve water use and soil microbial activities under zero till maize (*Zea mays*)-wheat (*Triticum aestivum*) cropping system. **2021**, 90, 2335-2340 ○
- 661 Demonstration of Application of Fungal Xylanase in Fruit Juice and Paper Deinking and Validation of Its Mechanism Via In Silico Investigation. **2022**, 239-264 ○
- 660 Digestive properties and prebiotic activity of garlic saccharides with different-molecular-weight obtained by acidolysis. **2022**, 5, 2033-2044 ○
- 659 Viability and performance of wheat seedlings after artificial seed aging. 44, 1
- 658 Activity Assay of Amylase and Xylanase Is Available for Quantitative Assessment of Strain Aging in Cultivated Culinary-Medicinal *Morchella* Mushrooms. **2022**, 1
- 657 Changes in the microbial community structure during the digitally managed fermentation of medium-temperature Daqu. 42, ○
- 656 Cellulose hydrolysis over sodium hydrogen sulfate. **2022**, ○
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- 654 Impact of orange juice containing potentially prebiotic ingredients on human gut microbiota composition and its metabolites. **2022**, 134706 ○
- 653 Bioprocessing of pineapple waste biomass for sustainable production of bioactive compounds with high antioxidant activity. ○
- 652 Effect of ultrahigh pressure treatment on nutritional composition and micromorphology of garlic. **2022**, ○
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- 648 Optimization of the fermentation parameters to maximize the production of cellulases and xylanases using DDGS as the main feedstock in stirred tank bioreactors. **2022**, 45, 102514 0
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- 646 Compound fermentation supernatants of antagonistic bacteria control *Rhizoctonia cerealis* and promote wheat growth. **2022**, 32, 0
- 645 Purification, Characterization And Thermodynamic Analysis Of Cellulases Produced From *Thermomyces Dupontii* And Its Industrial Applications. **2022**, 103483 2
- 644 Cultivation of *Inonotus hispidus* in Stirred Tank and Wave Bag Bioreactors to Produce the Natural Colorant Hispidin. **2022**, 8, 541 0
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- 641 Transcriptomic analysis of lignocellulose degradation by *Streptomyces coelicolor* A3(2) and elicitation of secondary metabolites production. 0
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- 639 Arbuscular Mycorrhizal Fungi Promote Physiological and Biochemical Advantages in *Handroanthus serratifolius* Seedlings Submitted to Different Water Deficits. **2022**, 11, 2731 0
- 638 Comparison of *Trichoderma longibrachiatum* Xyloglucanase Production Using Tamarind (*Tamarindus indica*) and Jatoba (*Hymenaea courbaril*) Seeds: Factorial Design and Immobilization on Ionic Supports. **2022**, 8, 510 0
- 637 Inhibition of acrylamide and 5-hydroxymethylfurfural formation in French fries by additives in model reaction. 0
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- 635 Conversion of sacha inchi (*Plukenetia volubilis* L.) residues into potential prebiotic oligosaccharides. 0
- 634 Pectinase from a Fish Gut Bacterium, *Aeromonas guangheii* (SS6): Production, Cloning and Characterization. 0
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- 630 In Vivo Modification of Microporous Structure in Bacterial Cellulose by Exposing Komagataeibacter xylinus Culture to Physical and Chemical Stimuli. **2022**, 14, 4388 0
- 629 Effect of Salt Stress on Growth and Physiological Properties of Asparagus Seedlings. **2022**, 11, 2836 0
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- 625 Implications of phyto-feed additives supplementation in buffalo calves on rumen fermentation pattern and microbial population. **2022**, 92, 0
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- 623 Biochemical and Regulatory Analyses of Xylanolytic Regulons in Caldicellulosiruptor bescii Reveal Genus-Wide Features of Hemicellulose Utilization. 1
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- 593 Selective microbial resolution of lupanine racemate: Bioprocess development and the impact of carbon catabolite repression on industrial wastewater valorisation. 0
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- 549 Multi-feedstock biorefinery concept: Valorization of winery wastes by engineered yeast. **2023**, 326, 116623 ○
- 548 Optimization of alkali pretreatment and enzymatic saccharification of jute (*Corchorus olitorius* L.) biomass using response surface methodology. **2023**, 368, 128318 1
- 547 Synergistic effects of paper mill sludge and sulfonated graphene catalyst for maximizing bio-hydrogen harvesting from sugarcane bagasse de-polymerization. **2023**, 326, 116724 ○
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- 528 Single-step conversion of rice straw to lactic acid by thermotolerant cellulolytic lactic acid bacteria. **2022**, 102546 0
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- 521 3D spatial organization and improved antibiotic treatment of a *Pseudomonas aeruginosa*–*Staphylococcus aureus* wound biofilm by nanoparticle enzyme delivery. 13, ○
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- 515 Enhancing bioflavor production by solid-state fermentation using *Kluyveromyces marxianus* and L-phenylalanine. ○
- 514 mRNA levels of tricarboxylic acid cycle genes in *Streptomyces coelicolor* M145 cultured on glucose. ○
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487	Incorporation of phenolic extracts from different by-products in yoghurts to create fortified and sustainable foods. <b>2023</b> , 51, 102293	1
486	Pretreatment with a combination of steam explosion and NaOH increases butanol production of enzymatically hydrolyzed corn stover. <b>2023</b> , 203, 301-311	0
485	Optimization of bacterial cellulose production from prickly pear peels and its ex situ impregnation with fruit byproducts for antimicrobial and strawberry packaging applications. <b>2023</b> , 302, 120383	2
484	The use of hemicellulose acid hydrolysate for hydrolysis of sugarcane trash and its fermentation for producing xylitol. <b>2023</b> , 193, 116163	1
483	Cloning and characterization of thermostable amylopullulanase TbbApu and its C-terminal truncated variants with enhanced activity in organic solvents. <b>2023</b> , 164, 110176	0
482	Sustainable coproduction of xylooligosaccharide, single-cell protein and lignin-adsorbent through whole componentsâutilization of sugarcane bagasse with high solid loading. <b>2023</b> , 308, 122916	0
481	In-depth evaluation of nutritive, chemical constituents and anti-glycemic properties of jackfruit ( <i>Artocarpus heterophyllus</i> Lam) clonal accessions with flake colour diversity from Eastern Sub-Himalayan plains of India. <b>2023</b> , 407, 135098	0
480	A paper-based lateral flow strip assay based on enzyme-mediated pectin viscosity change for the determination of polygalacturonase activity. <b>2023</b> , 186, 108322	0
479	Production of cell wall degrading enzymes and antibiotic by <i>Pseudomonads</i> for assessing their biocontrol potential. <b>2019</b> , 89,	0
478	Microbial priming for in situ management of paddy straw and its effects on soil microbiological properties under rice-wheat cropping system. <b>2019</b> , 89,	0
477	Production of Endoglucanase by <i>Exiguobacterium mexicanum</i> OB24 Using Waste Melon Peels as Substrate. <b>2022</b> , 94,	0
476	Potential of extracellular chitinase from <i>Bacillus subtilis</i> B 298 as antifungal against <i>Rhizoctonia solani</i> . <b>2022</b> ,	0
475	Comparative Anatomical and Biochemical Characterization of Three Morphotypes of Ancient Medicinal Plant <i>Cissus quadrangularis</i> L.. 596-599	0
474	Effects of different nitrogen sources on invertase production by <i>Aspergillus niger</i> .	0
473	HARVEST TIME AS A MODULATOR OF PHYTOCHEMICALS IN SWEET POTATO CULTIVARS FOR THE INDUSTRY. <b>2022</b> , 35, 956-963	0
472	Interspecific protoplast fusion of atmospheric and room-temperature plasma mutants of <i>Aspergillus</i> generates an L-asparaginase hyper-producing hybrid with techno-economic benefits. 1-14	0
471	Biorefinery of Brewery Spent Grain by Solid-State Fermentation and Ionic Liquids. <b>2022</b> , 11, 3711	1

- 470 CELLULASE OF ENDOPHYTIC *Bacillus* SP. FROM *Glycyrrhiza uralensis* F. AND ITS APPLICATION FOR EXTRACTION OF GLYCYRRHIZIC ACID. **2022**, 56, 971-982 ○
- 469 Overexpression of LAS21 in Cellulase-Displaying *Saccharomyces cerevisiae* for High-Yield Ethanol Production from Pretreated Sugarcane Bagasse. **2022**, 8, 652 ○
- 468 Tuning photosynthetic oxygen for hydrogen evolution in synergistically integrated, sulfur deprived consortia of *Coccomyxa chodatii* and *Rhodobium gokarnense* at dim and high light. ○
- 467 Screening, and Optimization of Fermentation Medium to Produce Secondary Metabolites from *Bacillus amyloliquefaciens*, for the Biocontrol of Early Leaf Spot Disease, and Growth Promoting Effects on Peanut (*Arachis hypogaea* L.). **2022**, 8, 1223 ○
- 466 Potential of Red, Green and Brown Seaweeds as Substrates for Solid State Fermentation to Increase Their Nutritional Value and to Produce Enzymes. **2022**, 11, 3864 ○
- 465 Expression of a Copper Activated Xylanase in Yeast: Location of the His-Tag in the Protein Significantly Affects the Enzymatic Properties. ○
- 464 Predominant contribution of an endogenous cellulase to the cellulolysis in the digestive system of grub of banana pseudostem weevil, *Odoiporus longicollis* (Coleoptera: Curculionidae). ○
- 463 Effect of *Euryale ferox* seed shell extract addition on the in vitro starch digestibility and predicted glycemic index of wheat-based bread. **2022**, ○
- 462 Estimation of Nutritional Components in Forages. **2023**, 69-100 ○
- 461 Cow dung extract mediated green synthesis of zinc oxide nanoparticles for agricultural applications. **2022**, 12, ○
- 460 Activity-Based Screening of Soil Samples from Nyingchi, Tibet, for Amylase-Producing Bacteria and Other Multifunctional Enzyme Capacities. **2022**, 2022, 1-15 ○
- 459 Comparison of the Chemical Properties of Vinegar Obtained via One-Step Fermentation and Sequential Fermentation from Dragon Fruit and Pineapple. **2022**, 8, 74 1
- 458 Preharvest Reduction in Nutrient Solution Supply of Pepper (*Capsicum annum* L.) Contributes to Improve Fruit Quality and Fertilizer Efficiency While Stabilising Yields. **2022**, 12, 3004 1
- 457 Optimization of the production of roasted-nutty aroma by a newly isolated fungus *Tolyposcladium inflatum* SRH81 and impact of encapsulation on its quality. **2022**, 20, ○
- 456 Production of pigments by *Monascus ruber* CCT0302 in culture media containing maltose as substrate. 6, ○
- 455 Covalent Immobilisation of an *Aspergillus niger* Derived Endo-1,4- $\beta$ -Mannanase, Man26A, on Glutaraldehyde-Activated Chitosan Nanoparticles for the Effective Production of Prebiotic MOS from Soybean Meal. **2022**, 12, 2993 ○
- 454 Improvement of the Nutraceutical Profile of Brewer's Spent Grain after Treatment with *Trametes versicolor*. **2022**, 10, 2295 2
- 453 Characterization of thermo/halo stable cellulase produced from halophilic *Virgibacillus salarius* BM-02 using non-pretreated biomass. **2023**, 39, ○

- 452 Screening of cold hardiness-related indexes and establishment of a comprehensive evaluation method for grapevines (*V. vinifera*). 13, ○
- 451 Cleaner 2,3-butanediol production from unpretreated lignocellulosic biomass by a newly isolated *Klebsiella pneumoniae* PX14. **2022**, 140479 ○
- 450 Insights into the Influence of Signal Peptide on the Enzymatic Properties of Alginate Lyase Aly11 with Removal Effect on *Pseudomonas aeruginosa* Biofilm. **2022**, 20, 753 ○
- 449 Effects of Lipase Immobilization Conditions and Support Materials for the Production of Structured Triacylglycerols. 2200135 ○
- 448 Preparation and Characterization of Cellulose Nanofibrils from Lignocellulose Using a Deep Eutectic Solvent Followed by Enzymatic Treatment. **2022**, 50, 436-447 ○
- 447 Modeling of poly- $\beta$ -hydroxybutyrate production by *Bacillus subtilis* and its use for feed-forward bioreactor studies. **2023**, 107, 57-69 ○
- 446 Pilot-Scale Production of the Natural Colorant Laetiporic Acid, Its Stability and Potential Applications. **2022**, 8, 684 1
- 445 Nutritional, functional, and sensorial properties of oat milk produced by single and combined acid, alkaline,  $\beta$ -amylase, and sprouting treatments. ○
- 444 Biochemical defense mechanism associated with host-specific disease resistance pathways against *Rhizoctonia solani* AG3-PT potatoes canker disease. **2023**, 257, ○
- 443 Chain conformation, mucoadhesive properties of fucoidan in the gastrointestinal tract and its effects on the gut microbiota. **2022**, 120460 ○
- 442 Light Boosts the Activity of Novel LPMO from *Aspergillus fumigatus* Leading to Oxidative Cleavage of Cellulose and Hemicellulose. **2022**, 10, 16969-16984 1
- 441 Integration of enzymatic modification and ultrafiltration for the production of pectin fractions with highly potent antioxidant capacity as green valorization of sugar beet pulp. ○
- 440 Insight into CAZymes of *Alicyclobacillus mali* FL18: Characterization of a New Multifunctional GH9 Enzyme. **2023**, 24, 243 ○
- 439 Accurate detection of enzymatic degradation processes of gelatin- $\beta$ -alginate microcapsule by <sup>1</sup>H NMR spectroscopy: Probing biodegradation mechanism and kinetics. **2022**, 120490 ○
- 438 A novel autoclave-assisted nanoparticle pre-treatment for improved sugar recovery from potato peel waste: process optimisation, nanoparticle recyclability and bioethanol production. ○
- 437 In Vitro Antidiabetic, Antioxidant, and Prebiotic Activities of the Chemical Compounds Isolated from *Guizotia abyssinica*. **2022**, 11, 2482 ○
- 436 Chemical and Physicochemical Contents and Bioactivity of Black Garlic. **2022**, 12, 880-891 ○
- 435 Bioethanol Production from Lignocellulose Agricultural Waste Biomass. **2023**, 218-237 ○

- 434 Development, characterisation and sensory qualities of probiotic beverage from provitamin A cassava (*Manihot esculenta* crantz) starch hydrolysate with free and encapsulated *Lacticaseibacillus rhamnosus* GG. 108201322211431 ○
- 433 Formation of process contaminants in commercial and homemade deep-fried breadcrumbs. **2022**, 112357 ○
- 432 Biodegradation of Guar Gum in Hydraulic Fracturing Fluid under the Action of Enzyme Preparations of Basidiomycetes. **2022**, 58, 938-945 ○
- 431 Functional Properties of Pineapple Plant Stem for Enhanced Glucose Recovery in Amino Acids Production. **2022**, 15, 9155 ○
- 430 Optimization and production of holocellulosic enzyme cocktail from fungi *Aspergillus nidulans* under solid-state fermentation for the production of poly(3-hydroxybutyrate). **2022**, 9, ○
- 429 The Relationship between Structural Features of Lignocellulosic Materials and Ethanol Production Yield. **2022**, 6, 119 ○
- 428 Optimization for the efficient recovery of poly(3-hydroxybutyrate) using the green solvent 1,3-dioxolane. 10, ○
- 427 Optimization of Solid-State Fermentation of Switchgrass Using White-Rot Fungi for Biofuel Production. **2022**, 3, 730-752 ○
- 426 Evaluation effect of recombinant lytic polysaccharide monoxygenases added to *Aspergillus fumigatus* var. *niveus* cocktail in saccharification of sugarcane bagasse. ○
- 425 Zinc Oxide Nanoparticles and Fe-Modified Activated Carbon Affecting the In Vitro Growth of Date Palm Plantlets cv. Medjool. **2022**, 8, 1179 ○
- 424 Changes in the Physicochemical Properties, Antioxidant Activity and Metabolite Analysis of Black Elephant Garlic (*Allium ampeloprasum* L.) during Aging Period. **2023**, 12, 43 ○
- 423 A heterodimeric hyaluronate lyase secreted by the activated sludge bacterium *Haliscomenobacter hydrossis*. ○
- 422 Polyhydroxybutyrate production by *Cupriavidus necator* in a corn biorefinery concept. **2022**, 128537 ○
- 421 Regulation mechanism of magnetic field on pectinase and its preliminary application in postharvest sapodilla (*Manilkara zapota*). **2022**, 135300 1
- 420 Topochemical Design of Cellulose-Based Carriers for Immobilization of Endoxylanase. ○
- 419 Substrate concentration: A more serious consideration than the amount of 5-hydroxymethylfurfural in acid-catalyzed hydrolysis during bioethanol production from starch biomass. **2022**, 8, e12047 ○
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- 417 Lactic Acid Bacteria in the Management of Oily Spot Disease of Pomegranate. **2023**, 80, ○



416	Bioprocessing of Agro-Industrial Waste for Maximization of Pectinase Production by a Novel Native Strain <i>Aspergillus cervinus</i> ARS2 Using Statistical Approach. <b>2022</b> , 9, 438	0
415	Bio-ethanol production potential of Water Hyacinth ( <i>Eichhornia crassipes</i> ) as alternative energy feedstocks.	0
414	Tailor-made active enzyme aggregates in vivo for efficient degradation of biomass polysaccharide into reducing sugar.	0
413	The effect of enzyme-hydrolyzed pumpkin ( <i>Cucurbita moschata</i> Duch.) pulp supplementation on dough and bread quality.	0
412	In Vitro Digestion and Fecal Fermentation of Peach Gum Polysaccharides with Different Molecular Weights and Their Impacts on Gut Microbiota. <b>2022</b> , 11, 3970	0
411	The effects of various enzymatic saccharifications and microwave pretreatment durations on sugar yield and its property alterations of Chinese spirits distillers residues. <b>2022</b> , 16, 1202-1212	0
410	Discovery of novel carbohydrate degrading enzymes from soda lakes through functional metagenomics. 13,	0
409	Hydrothermal Treatment of Coffee Residues for the Production of Pectinases by <i>Paecilomyces Formosus</i> .	0
408	Isolation and Screening of Microorganisms for High Yield of Succinic acid Production.	1
407	In-silico analysis of a halophilic bacterial isolate- <i>Bacillus pseudomycooides</i> SAS-B1 and its polyhydroxybutyrate production through fed-batch approach under differential salt conditions. <b>2022</b> ,	0
406	Yeasts have evolved divergent enzyme strategies to deconstruct and metabolize xylan.	0
405	Bipolar membrane electrodialysis integration into the biotechnological production of itaconic acid: a proof-of-concept study. <b>2022</b> ,	0
404	Growth Potential of Selected Yeast Strains Cultivated on Xylose-Based Media Mimicking Lignocellulosic Wastewater Streams: High Production of Microbial Lipids by <i>Rhodospiridium toruloides</i> . <b>2022</b> , 8, 713	1
403	Actions of Cellulase Isolated from the Hemolymph of Giant African Snail ( <i>Archachatina marginata</i> ) on Solid Wastes. 4410-4416	0
402	Experimental evidence for enzymatic cell wall dissolution in a microbial protoplast feeder ( <i>Orciraptor agilis</i> , Viridiraptoridae). <b>2022</b> , 20,	0
401	The growth and lipid accumulation of <i>Scenedesmus quadricauda</i> under nitrogen starvation stress during xylose mixotrophic/heterotrophic cultivation.	0
400	Effect of High-Pressure and Thermal Pasteurization on Microbial and Physico-Chemical Properties of <i>Opuntia ficus-indica</i> Juices. <b>2022</b> , 8, 84	1
399	Additional ratios of hydrolysates from lignocellulosic digestate at different hydrothermal temperatures influencing anaerobic digestion performance.	1

- 398 Hydrothermal and Chemical Pretreatment Process for Bioethanol Production from Agricultural and Forest Lignocellulosic Wastes: Design and Modeling. ○
- 397 On-site enriched production of cellulase enzyme using rice straw waste and its hydrolytic performance evaluation through systematic dynamic modeling. ○
- 396 Optimized model of fermentable sugar production from Napier grass for biohydrogen generation via dark fermentation. **2022**, ○
- 395 Characterization of Fruit Quality Traits and Biochemical Properties in Different Myanmar Mango Cultivars during Ripening Stages. **2023**, 14, 14-27 ○
- 394 End-to-end gene fusion of cellulase and hemicellulases for valorization of fruit peels: structural and techno-functional properties of eco-friendly extracted pectin. ○
- 393 Conversion of waste cooked rice into maltose by a *Bacillus subtilis*-derived maltogenic amylase and production of maltobionic acid from the prepared maltose using genetically modified *Pseudomonas taetrolens*. ○
- 392 Fermentation of rice straw raw material to bioethanol using consortium enzyme. **2023**, ○
- 391 Valorization of agro-industrial residues for pectinase production by *Aspergillus aculeatus*: application in cashew fruit juice clarification. **2023**, 100038 ○
- 390 Formation of slowly digestible, amylose-lipid complexes in extruded wholegrain pearl millet flour. ○
- 389 Solid-state Fermentation of Cassava (*Manihot esculenta*) Peels Using *Rhizopus Oligosporus*: Application of the Fermented Peels in Yeast Production and Characterization of  $\alpha$ -amylase Enzyme Produced in the Process. ○
- 388 Effect of composite coating of konjac glucomannan with green tea polyphenols on antioxidant activity and shelf-life of post-harvest passion fruit. ○
- 387 Influence of Annealing Process Combined with Enzymatic Modification with Transglucosidase on Black Rice Starch. 2200161 ○
- 386 Assessment of fodder quality and methane production potential of north-eastern Himalayan forest tree leaves. **2019**, 89, ○
- 385 First genome-scale insights into the virulence of the snow mold causal fungus *Microdochium nivale*. **2023**, 14, ○
- 384 Application of fish flour liquid waste as alternative growth media for producing xylanase. **2023**, ○
- 383 Expression and characterization of a maltogenic amylase from *Lactobacillus plantarum* in *Escherichia coli* and its application in extending bread shelf life. ○
- 382 Biomass-Degrading Enzyme(s) Production and Biomass Degradation by a Novel *Streptomyces thermocarboxydus*. **2023**, 80, ○
- 381 Enhancing the ethanol production by exploiting a novel metagenomic-derived bifunctional xylanase/ $\beta$ -glucosidase enzyme with improved  $\beta$ -glucosidase activity by a nanocellulose carrier. 13, ○

- 380 Development of Pectinase Based Nanocatalyst by Immobilization of Pectinase on Magnetic Iron Oxide Nanoparticles Using Glutaraldehyde as Crosslinking Agent. **2023**, 28, 404 ○
- 379 Fruit Residues as Biomass for Bioethanol Production Using Enzymatic Hydrolysis as Pretreatment. ○
- 378 Simulated Digestion and Fecal Fermentation Behaviors of Levan and Its Impacts on the Gut Microbiota. ○
- 377 The Temperature Influence on Drying Kinetics and Physico-Chemical Properties of Pomegranate Peels and Seeds. **2023**, 12, 286 1
- 376 Shift in SAR to ISR during the Rice- R. Solani interaction mediated by *Streptomyces hyderabadensis* confers sheath blight resistance in susceptible genotype. ○
- 375 Evaluation of the Effects of Two Different Feeding Frequencies on the Digestive Biochemistry of Two Mullet Species (*Chelon labrosus* and *Liza aurata*). **2023**, 13, 287 ○
- 374 The improvement of guava (*Psidium guajava*) juice quality using crude multi-enzymatic extracts obtained from yeasts. ○
- 373 High Molecular Weight  $\beta$ -Galactosidase from the Novel Strain *Aspergillus* sp. D-23 and Its Hydrolysis Performance. **2023**, 11, 255 ○
- 372 Comparative evaluation of conventional and advanced frying methods on hydroxymethylfurfural and acrylamide formation in French fries. **2023**, 83, 103233 ○
- 371 High concentration of spores and colony forming units of the biocontrol agent *Beauveria bassiana* via optimization of submerged cultivation. **2023**, 47, 102607 ○
- 370 IDENTIFICATION OF THE PHYTOHORMONES INDOLE-3-ACETIC ACID AND trans -ZEATIN IN MICROALGAE . ○
- 369 Two-Stage Pretreatment of Jerusalem Artichoke Stalks with Wastewater Recycling and Lignin Recovery for the Biorefinery of Lignocellulosic Biomass. **2023**, 11, 127 ○
- 368 Optimalization of enzymatic degradation on oil palm leaves hemicellulose. **2023**, ○
- 367 Evaluation of wool protein hydrolysate as peptone for production of microbial enzymes. **2023**, 13, ○
- 366 Combinatorial assembly and design of enzymes. **2023**, 379, 195-201 2
- 365 The Antiproliferative Activity of a Mixture of Peptide and Oligosaccharide Extracts Obtained from Defatted Rapeseed Meal on Breast Cancer Cells and Human Fibroblasts. **2023**, 12, 253 ○
- 364 Optimization of process variables for metallic nanoparticle inclusion in bioethanol synthesis of sugar cane bagasse. 1-6 ○
- 363 Optimization of bioethanol production from sugarcane molasses by the response surface methodology using *Meyerozyma caribbica* isolate MJTm3. **2023**, 73, ○

- 362 Reduced acetic acid formation using NaHSO<sub>3</sub> as a steering agent by *Actinobacillus succinogenes* GXAS137. **2023**, ○
- 361 Xylanolytic Biotechnological Applications of Extracellular Xylanase Isolated from Marine *Bacillus Subtilis* AKM1. ○
- 360 Production, characterization and techno-economic evaluation of *Aspergillus fusant* l-asparaginase. **2023**, 13, ○
- 359 Development and standardization of processing technique for ready-to-use lab fermented Kanji mix using refractance window dried black carrot powder. **2023**, 13, 1
- 358 Effect of Micronutrients on the Biochemical Contents of Mulberry (*Morus Alba* L. Moraceae) Leaves. **2023**, 10, 216-229 ○
- 357 Shelf-Life Performance of Fish Feed Supplemented with Bioactive Extracts from Fermented Olive Mill and Winery By-Products. **2023**, 12, 305 ○
- 356 Internal flat-plate airlift cylindrical bioreactor for the degradation of newspaper using *Trichoderma reesei*: characterization of hydrodynamics parameters. ○
- 355 Enzymatic Cocktail Formulation for Xylan Hydrolysis into Xylose and Xylooligosaccharides. **2023**, 28, 624 ○
- 354 Exploration of levan producer bacteria from Mangrove Forest and Salt Pond Patuguran Pasuruan East Java. **2023**, ○
- 353 Indigenous Yeasts from Rose Oil Distillation Wastewater and Their Capacity for Biotransformation of Phenolics. **2023**, 11, 201 ○
- 352 Enzymatic and biochemical responses to high temperatures and drought stress during the reproductive stage in lentil (*Lens Culinaris* Medik.). ○
- 351 Design and development of laboratory scale batch type device for debittering of bitter citrus juice. ○
- 350 Utilization agricultural by-product as inducers and carbon sources for hemicellulolytic enzyme cocktails production. **2023**, ○
- 349 Reducing sugar and total acid concentration of vegetable yogurt with the addition of amyloproteolytic enzyme *Lactobacillus fermentum* EN17-2. **2023**, ○
- 348 Jaboticaba (*Myrciaria jaboticaba*) peel and seed powder associated with bioprocessing improves functional and nutritional quality of whole-wheat bread. ○
- 347 Cellulase and chitinase activities and antagonism against *Fusarium oxysporum* f.sp. cubense race 1 of six *Trichoderma* strains isolated from Mexican maize cropping. ○
- 346 Integration of agricultural residues as biomass source to saccharification bioprocess and for the production of cellulases from filamentous fungi. **2023**, 13, ○
- 345 Calcium Nutrition in Fig Orchards Enhance Fruit Quality at Harvest and Storage. **2023**, 9, 123 1

- 344 Development of a Polyallylamine Hydrochloride Hydrogel Imprinted with Xylose for the Purification of Xylose from Sugar Mixture. ○
- 343 Two-Step Enzymolysis of Antarctic Krill for Simultaneous Preparation of Value-Added Oil and Enzymolysate. **2023**, 21, 47 ○
- 342 Disruption of *Botryococcus braunii* colonies by glycoside hydrolases. **2023**, 101335 ○
- 341 Cocoa Bean Shell as Promising Feedstock for the Production of Poly(3-hydroxybutyrate) (PHB). **2023**, 13, 975 ○
- 340 Enzymatic hydrolysis of low temperature alkali pretreated wheat straw using immobilized  $\beta$ -xyylanase nanoparticles. **2023**, 13, 1434-1445 1
- 339 Loosenin-Like Proteins from *Phanerochaete carnosus* Impact Both Cellulose and Chitin Fiber Networks. ○
- 338 Enzyme-Assisted Extraction of Alginate from Beach Wrack *Fucus vesiculosus*. ○
- 337 Probiotics-Fermented *Grifola frondosa* Total Active Components: Better Antioxidation and Microflora Regulation for Alleviating Alcoholic Liver Damage in Mice. **2023**, 24, 1406 ○
- 336 The effect of glucose on local recombinant  $\beta$ -xylosidase and cellulase cocktails production. **2023**, ○
- 335 Synthetic microbial consortia bioprocessing integrated with pyrolysis for efficient conversion of cellulose to valuables. **2023**, 21, 101316 ○
- 334 Milling and roasting impact pasting and rheological properties of oat flours and quality of steamed oat cakes. **2023**, 175, 114477 ○
- 333 Hydrolysate from the enzymatic treatment of corn cob as a carbon source for heterotrophic denitrification process. **2023**, 51, 103473 ○
- 332 Xylopentose production from crop residue employing xylanase enzyme. **2023**, 370, 128572 ○
- 331 Rheological and microstructural properties of polysaccharide obtained from the gelatinous *Tremella fuciformis* fungus. **2023**, 228, 153-164 ○
- 330 Extraction of high purity fucoidans from brown seaweeds using cellulases and alginate lyases. **2023**, 229, 199-209 ○
- 329 Improving ATP availability by *sod1* deletion with a strategy of precursor feeding enhanced S-adenosyl-L-methionine accumulation in *Saccharomyces cerevisiae*. **2023**, 164, 110189 ○
- 328 BsLPMO10A from *Bacillus subtilis* boosts the depolymerization of diverse polysaccharides linked via  $\beta$ -1,4-glycosidic bonds. **2023**, 230, 123133 ○
- 327 Chitin/chitosan extraction from shrimp shell waste by a completely biotechnological process. **2023**, 230, 123204 1

- 326 Enzymatic approach for the extraction of bioactive fractions from red, green and brown seaweeds. **2023**, 138, 25-39 ○
- 325 Flagging defensive roles of carbohydrate-active enzymes (CAZymes) and carbohydrates during *Puccinia triticina*-wheat interactions. **2023**, 124, 101947 ○
- 324 Production of low-tannin *Hibiscus sabdariffa* tea through D-optimal design optimization of the preparation conditions and the catalytic action of new tannase. **2023**, 17, 100562 ○
- 323 Comparison of chemical property and in vitro digestion behavior of polysaccharides from *Auricularia polytricha* mycelium and fruit body. **2023**, 17, 100570 1
- 322 Protein accessibility level affects macronutrient digestion kinetics of plant-based shakes. **2023**, 137, 108428 1
- 321 Co-fermentation of lactic acid and acetone-butanol-ethanol (ABE) from the deep eutectic solvent-pretreated *Aloe vera* leaf rind through sequential valorization of holocellulose. ○
- 320 Alginate Encapsulation Stabilizes Xylanase Toward the Laccase Mediator System. ○
- 319 SYNERGISTIC EFFECT OF HONEY AND LEMONJUICE-ENRICHED MULBERRY DIETS ON THE DIGESTIVE METABOLISM OF THE SILKWORM, *BOMBYX MOR*. **2022**, 50-57 ○
- 318 Bioethanol Production from Ammonia Pretreated Rice Straw. **2022**, 1, 120-124 ○
- 317 Quality of Rye Plants (*Secale cereale*) as Affected by Agronomic Biofortification with Iodine. **2023**, 12, 100 ○
- 316 Effect of Cow Urine on the Biochemical and Microbial Properties of Cow Dung Derived Biogas Slurry. **2022**, 12, 88-95 ○
- 315 Biochemical characterization of solid-state fermented cassava roots (*Manihot esculenta* Crantz) and its application in broiler feed formulation. **2023**, 39, ○
- 314 Development of a Bacterial FhuD-Lysozyme-SsrA Mediated Autolytic (FLSA) System for Effective Release of Intracellular Products. **2023**, 12, 196-202 ○
- 313 Critical Parameters in an Enzymatic Way to Obtain the Unsweet Lactose-Free Milk Using Catalase and Glucose Oxidase Co-Encapsulated into Hydrogel with Chemical Cross-Linking. **2023**, 12, 113 1
- 312 Evaluating the effect of the number of generations in IBUN 91.2.98 *Leuconostoc mesenteroides* cultures on enzyme extract production. **2013**, 33, 66-70 ○
- 311 Biological control of *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc. by epiphytic bacteria isolated from *Vitis vinifera* (cv Thompson Seedless) grape berry. 1-17 ○
- 310 Biochemical and structural characterisation of a family GH5 cellulase from endosymbiont of shipworm *P. megotara*. ○
- 309 Characterisation and substrate binding modes of exopolygalacturonase PGQ1 from *Saccharobesius litoralis*. 1-7 ○

- 308 Microwave irradiation-assisted ionic liquid or deep eutectic solvent pretreatment for effective bioconversion of sugarcane bagasse to bioethanol. ○
- 307 Physico-Chemical, Microbiological, and Sensorial Characteristics of Grains, Malt, Wort, and Beer from FKR 19 and FKR 62 N Rice Varieties Grown in Burkina Faso. 1-10 ○
- 306 Understanding factors influencing growth and lignocellulosic enzyme of *Ganoderma* for developing integrated control strategies for basal stem rot disease in oil palm. ○
- 305 Simultaneous enzyme production, Levan-type FOS synthesis and sugar by-products elimination using a recombinant *Pichia pastoris* strain expressing a levansucrase-endolevanase fusion enzyme. **2023**, 22, ○
- 304 Effect of bioadditives and kinetic studies of *Saccharomyces cerevisiae* on high-purity alcohol production suitable for medicinal use. **2023**, 303-312 ○
- 303 Cassava pullulanase and its synergistic debranching action with isoamylase 3 in starch catabolism. 14, ○
- 302 Nigero-oligosaccharide production by enzymatic hydrolysis from alkaline-pretreated  $\beta$ -1,3-glucan. **2023**, ○
- 301 Preparation of a Pectinase-Enriched Multienzyme under Solid State Fermentation of Sugarcane Bagasse. **2023**, 9, 141 1
- 300 Bioconversion of spent coffee grounds to prebiotic manooligosaccharides as an example of biocatalysis in biorefinery. **2023**, 13, 3773-3780 ○
- 299 Keratinase, Caseinolytic, Cellulase and  $\beta$ -Mananase Activities of Bacteria Isolated from the Black Sea. **2023**, 84, 3-8 ○
- 298 Exo-polygalacturonase production enhancement by *Piriformospora indica* from sugar beet pulp under submerged fermentation using the response surface methodology. ○
- 297 Exogenous Indole-3-Acetic Acid Production and Phosphate Solubilization by *Chlorella vulgaris* Beijerinck in Heterotrophic Conditions. **2023**, 9, 116 ○
- 296 Production, purification, and characterization of inulinase from *Streptomyces anulatus*. ○
- 295 Bio-utilization of agricultural residue banana plant shoot through solid state fermentation for production of inulinase using newly isolated *Nothophoma anigozanthi* JAM. ○
- 294 Biotreatment of azo dye containing textile industry effluent by a developed bacterial consortium immobilised on brick pieces in an indigenously designed packed bed biofilm reactor. **2023**, 39, ○
- 293 Enhancement of fermentable sugars from fresh elephant ear plant for bioethanol production using ash as a source of CaO. **2023**, ○
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- 127 Biological pretreatment of sugarcane bagasse for the production of fungal laccase and bacterial cellulase. ○
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