

Badal C Saha

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148
papers

8,601
citations

45
h-index

90
g-index

153
ext. papers

9,222
ext. citations

4.4
avg, IF

6.56
L-index

#	Paper	IF	Citations
148	Hemicellulose bioconversion. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2003 , 30, 279-91	4.2	1309
147	Dilute acid pretreatment, enzymatic saccharification and fermentation of wheat straw to ethanol. <i>Process Biochemistry</i> , 2005 , 40, 3693-3700	4.8	583
146	Production of butanol (a biofuel) from agricultural residues: Part I Use of barley straw hydrolysate?. <i>Biomass and Bioenergy</i> , 2010 , 34, 559-565	5.3	291
145	Alpha-L-arabinofuranosidases: biochemistry, molecular biology and application in biotechnology. <i>Biotechnology Advances</i> , 2000 , 18, 403-23	17.8	264
144	Butanol production from wheat straw hydrolysate using <i>Clostridium beijerinckii</i> . <i>Bioprocess and Biosystems Engineering</i> , 2007 , 30, 419-27	3.7	246
143	Production of butanol (a biofuel) from agricultural residues: Part II Use of corn stover and switchgrass hydrolysates?. <i>Biomass and Bioenergy</i> , 2010 , 34, 566-571	5.3	245
142	Dilute acid pretreatment, enzymatic saccharification, and fermentation of rice hulls to ethanol. <i>Biotechnology Progress</i> , 2005 , 21, 816-22	2.8	224
141	Butanol production from wheat straw by simultaneous saccharification and fermentation using <i>Clostridium beijerinckii</i> : Part I Batch fermentation. <i>Biomass and Bioenergy</i> , 2008 , 32, 168-175	5.3	207
140	Ethanol production from alkaline peroxide pretreated enzymatically saccharified wheat straw. <i>Biotechnology Progress</i> , 2006 , 22, 449-53	2.8	185
139	Production, purification, and characterization of a highly glucose-tolerant novel beta-glucosidase from <i>Candida peltata</i> . <i>Applied and Environmental Microbiology</i> , 1996 , 62, 3165-70	4.8	169
138	Debittering of protein hydrolyzates. <i>Biotechnology Advances</i> , 2001 , 19, 355-70	17.8	149
137	Lime pretreatment, enzymatic saccharification and fermentation of rice hulls to ethanol. <i>Biomass and Bioenergy</i> , 2008 , 32, 971-977	5.3	142
136	Biological pretreatment of corn stover with white-rot fungus for improved enzymatic hydrolysis. <i>International Biodeterioration and Biodegradation</i> , 2016 , 109, 29-35	4.8	130
135	Pretreatment and enzymatic saccharification of corn fiber. <i>Applied Biochemistry and Biotechnology</i> , 1999 , 76, 65-77	3.2	125
134	Enzymatic saccharification and fermentation of alkaline peroxide pretreated rice hulls to ethanol. <i>Enzyme and Microbial Technology</i> , 2007 , 41, 528-532	3.8	124
133	Biotechnological production of mannitol and its applications. <i>Applied Microbiology and Biotechnology</i> , 2011 , 89, 879-91	5.7	123
132	Butanol production from corn fiber xylan using <i>Clostridium acetobutylicum</i> . <i>Biotechnology Progress</i> , 2006 , 22, 673-80	2.8	121

131	Hydrothermal pretreatment and enzymatic saccharification of corn stover for efficient ethanol production. <i>Industrial Crops and Products</i> , 2013 , 44, 367-372	5.9	117
130	An economic evaluation of biological conversion of wheat straw to butanol: A biofuel. <i>Energy Conversion and Management</i> , 2013 , 65, 456-462	10.6	117
129	Production, purification and properties of endoglucanase from a newly isolated strain of <i>Mucor circinelloides</i> . <i>Process Biochemistry</i> , 2004 , 39, 1871-1876	4.8	100
128	Removal of fermentation inhibitors from alkaline peroxide pretreated and enzymatically hydrolyzed wheat straw: Production of butanol from hydrolysate using <i>Clostridium beijerinckii</i> in batch reactors. <i>Biomass and Bioenergy</i> , 2008 , 32, 1353-1358	5.3	98
127	Butanol production from wheat straw by simultaneous saccharification and fermentation using <i>Clostridium beijerinckii</i> : Part II Fed-batch fermentation. <i>Biomass and Bioenergy</i> , 2008 , 32, 176-183	5.3	93
126	Response surface optimization of corn stover pretreatment using dilute phosphoric acid for enzymatic hydrolysis and ethanol production. <i>Bioresource Technology</i> , 2013 , 130, 603-12	11	89
125	Process for obtaining cellulose acetate from agricultural by-products. <i>Carbohydrate Polymers</i> , 2006 , 64, 134-137	10.3	89
124	Process integration for simultaneous saccharification, fermentation, and recovery (SSFR): production of butanol from corn stover using <i>Clostridium beijerinckii</i> P260. <i>Bioresource Technology</i> , 2014 , 154, 222-8	11	88
123	Production, Purification, and Properties of a Thermostable beta-Glucosidase from a Color Variant Strain of <i>Aureobasidium pullulans</i> . <i>Applied and Environmental Microbiology</i> , 1994 , 60, 3774-80	4.8	88
122	Comparison of pretreatment strategies for enzymatic saccharification and fermentation of barley straw to ethanol. <i>New Biotechnology</i> , 2010 , 27, 10-6	6.4	84
121	Purification and characterization of a highly thermostable novel pullulanase from <i>Clostridium thermohydrosulfuricum</i> . <i>Biochemical Journal</i> , 1988 , 252, 343-8	3.8	82
120	Pilot scale conversion of wheat straw to ethanol via simultaneous saccharification and fermentation. <i>Bioresource Technology</i> , 2015 , 175, 17-22	11	81
119	Novel highly thermostable pullulanase from thermophiles. <i>Trends in Biotechnology</i> , 1989 , 7, 234-239	15.1	80
118	Ethanol Production from Agricultural Biomass Substrates. <i>Advances in Applied Microbiology</i> , 1997 , 261-286	14.9	76
117	Production, purification and properties of xylanase from a newly isolated <i>Fusarium proliferatum</i> . <i>Process Biochemistry</i> , 2002 , 37, 1279-1284	4.8	74
116	Ethanol production from wheat straw by recombinant <i>Escherichia coli</i> strain FBR5 at high solid loading. <i>Bioresource Technology</i> , 2011 , 102, 10892-7	11	68
115	Production of mannitol and lactic acid by fermentation with <i>Lactobacillus intermedius</i> NRRL B-3693. <i>Biotechnology and Bioengineering</i> , 2003 , 82, 864-71	4.9	67
114	Production of 2,3-butanediol by newly isolated <i>Enterobacter cloacae</i> . <i>Applied Microbiology and Biotechnology</i> , 1999 , 52, 321-6	5.7	58

113	Screening for L-arabinose fermenting yeasts. <i>Applied Biochemistry and Biotechnology</i> , 1996 , 57-58, 233-242	2	58
112	Purification and properties of an extracellular beta-xylosidase from a newly isolated <i>Fusarium proliferatum</i> . <i>Bioresource Technology</i> , 2003 , 90, 33-8	11	55
111	Purification and characterization of a novel thermostable beta-amylase from <i>Clostridium thermosulphurogenes</i> . <i>Biochemical Journal</i> , 1988 , 254, 835-40	3.8	55
110	Bioconversion of barley straw and corn stover to butanol (a biofuel) in integrated fermentation and simultaneous product recovery bioreactors. <i>Food and Bioprocess Technology</i> , 2014 , 92, 298-308	4.9	54
109	Microbial Glucoamylases: Biochemical and Biotechnological Features. <i>Starch/Staerke</i> , 1989 , 41, 57-64	2.3	54
108	Production of mannitol by <i>Lactobacillus intermedius</i> NRRL B-3693 in fed-batch and continuous cell-recycle fermentations. <i>Process Biochemistry</i> , 2007 , 42, 1609-1613	4.8	52
107	Enzymatic hydrolysis and fermentation of lime pretreated wheat straw to ethanol. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 82, 913-919	3.5	51
106	Comparison of separate hydrolysis and fermentation and simultaneous saccharification and fermentation processes for ethanol production from wheat straw by recombinant <i>Escherichia coli</i> strain FBR5. <i>Applied Microbiology and Biotechnology</i> , 2011 , 92, 865-74	5.7	47
105	Hydrothermal pretreatment of sugarcane bagasse using response surface methodology improves digestibility and ethanol production by SSF. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012 , 39, 439-47	4.2	45
104	Substrate competition and specificity at the active site of amylopullulanase from <i>Clostridium thermohydrosulfuricum</i> . <i>Biochemical and Biophysical Research Communications</i> , 1990 , 166, 126-32	3.4	45
103	Emerging biotechnologies for production of itaconic acid and its applications as a platform chemical. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 303-315	4.2	44
102	Dilute sulfuric acid pretreatment of corn stover for enzymatic hydrolysis and efficient ethanol production by recombinant <i>Escherichia coli</i> FBR5 without detoxification. <i>Bioresource Technology</i> , 2013 , 142, 312-9	11	44
101	Effect of cellulosic sugar degradation products (furfural and hydroxymethyl furfural) on acetone-butanol-ethanol (ABE) fermentation using <i>Clostridium beijerinckii</i> P260. <i>Food and Bioprocess Technology</i> , 2012 , 90, 533-540	4.9	44
100	Production of xylitol by <i>Candida peltata</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 1999 , 22, 633-636	4.2	43
99	Fuel ethanol production from corn fiber current status and technical prospects. <i>Applied Biochemistry and Biotechnology</i> , 1998 , 70-72, 115-125	3.2	42
98	Lignocellulose Biodegradation and Applications in Biotechnology. <i>ACS Symposium Series</i> , 2004 , 2-34	0.4	42
97	Purification and characterization of a novel thermostable alpha-L-arabinofuranosidase from a color-variant strain of <i>Aureobasidium pullulans</i> . <i>Applied and Environmental Microbiology</i> , 1998 , 64, 216-20	4.8	42
96	Production of D-arabitol by a newly isolated <i>Zygosaccharomyces rouxii</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007 , 34, 519-23	4.2	41

95	Production of L-arabitol from L-arabinose by <i>Candida entomaea</i> and <i>Pichia guilliermondii</i> . <i>Applied Microbiology and Biotechnology</i> , 1996 , 45, 299-306	5.7	40
94	Behaviour of <i>Endomycopsis fibuligera</i> glucoamylase towards raw starch. <i>Enzyme and Microbial Technology</i> , 1983 , 5, 196-198	3.8	40
93	Biological pretreatment of corn stover with <i>Phlebia brevispora</i> NRRL-13108 for enhanced enzymatic hydrolysis and efficient ethanol production. <i>Biotechnology Progress</i> , 2017 , 33, 365-374	2.8	38
92	Fermentation of L-arabinose, D-xylose and D-glucose by ethanologenic recombinant <i>Klebsiella oxytoca</i> strain P2. <i>Biotechnology Letters</i> , 1994 , 16, 401	3	38
91	Production of mannitol from inulin by simultaneous enzymatic saccharification and fermentation with <i>Lactobacillus intermedius</i> NRRL B-3693. <i>Enzyme and Microbial Technology</i> , 2006 , 39, 991-995	3.8	37
90	Microwave Pretreatment, Enzymatic Saccharification and Fermentation of Wheat Straw to Ethanol. <i>Journal of Biobased Materials and Bioenergy</i> , 2008 , 2, 210-217	1.4	37
89	A low-cost medium for mannitol production by <i>Lactobacillus intermedius</i> NRRL B-3693. <i>Applied Microbiology and Biotechnology</i> , 2006 , 72, 676-80	5.7	36
88	Random UV-C mutagenesis of <i>Scheffersomyces</i> (formerly <i>Pichia</i>) <i>stipitis</i> NRRL Y-7124 to improve anaerobic growth on lignocellulosic sugars. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012 , 39, 163-73	4.2	35
87	Genetically Engineered <i>Escherichia Coli</i> for Ethanol Production from Xylose. <i>Food and Bioprocess Processing</i> , 2006 , 84, 114-122	4.9	35
86	Characterization of an endo-Acting Amylopullulanase from <i>Thermoanaerobacter</i> Strain B6A. <i>Applied and Environmental Microbiology</i> , 1990 , 56, 881-6	4.8	35
85	Efficient production of L-ribose with a recombinant <i>Escherichia coli</i> biocatalyst. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 2967-75	4.8	34
84	Alcoholic fermentation of raw sweet potato by a nonconventional method using <i>Endomycopsis fibuligera</i> glucoamylase preparation. <i>Biotechnology and Bioengineering</i> , 1983 , 25, 1181-6	4.9	34
83	High temperature dilute phosphoric acid pretreatment of corn stover for furfural and ethanol production. <i>Industrial Crops and Products</i> , 2013 , 50, 478-484	5.9	33
82	Purification and characterization of an extracellular beta-xylosidase from a newly isolated <i>Fusarium verticillioides</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2001 , 27, 241-5	4.2	33
81	Behavior of a novel thermostable α -amylase on raw starch. <i>Enzyme and Microbial Technology</i> , 1987 , 9, 598-601	3.8	33
80	Effects of pH and corn steep liquor variability on mannitol production by <i>Lactobacillus intermedius</i> NRRL B-3693. <i>Applied Microbiology and Biotechnology</i> , 2010 , 87, 553-60	5.7	32
79	Microbial production of xylitol from L-arabinose by metabolically engineered <i>Escherichia coli</i> . <i>Journal of Bioscience and Bioengineering</i> , 2009 , 107, 506-11	3.3	31
78	Glucoamylase Produced by Submerged Culture of <i>Aspergillus oryzae</i> . <i>Starch/Staerke</i> , 1979 , 31, 307-314	2.3	31

77	Cloning and expression of the <i>Clostridium thermosulfurogenes</i> glucose isomerase gene in <i>Escherichia coli</i> and <i>Bacillus subtilis</i> . <i>Applied and Environmental Microbiology</i> , 1990 , 56, 2638-43	4.8	31
76	Characterization of thermostable cyclodextrinase from <i>Clostridium thermohydrosulfuricum</i> 39E. <i>Applied and Environmental Microbiology</i> , 1990 , 56, 2941-3	4.8	30
75	New thermostable α -amylase-like pullulanase from thermophilic <i>Bacillus</i> sp. 3183. <i>Enzyme and Microbial Technology</i> , 1989 , 11, 760-764	3.8	29
74	Purification and characterization of a novel mannitol dehydrogenase from <i>Lactobacillus intermedius</i> . <i>Biotechnology Progress</i> , 2004 , 20, 537-42	2.8	28
73	Xylanase from a newly isolated <i>Fusarium verticillioides</i> capable of utilizing corn fiber xylan. <i>Applied Microbiology and Biotechnology</i> , 2001 , 56, 762-6	5.7	27
72	Purification and characterization of a highly thermostable alpha-L-Arabinofuranosidase from <i>Geobacillus caldoxylyticus</i> TK4. <i>Applied Microbiology and Biotechnology</i> , 2007 , 75, 813-20	5.7	26
71	Production of itaconic acid from pentose sugars by <i>Aspergillus terreus</i> . <i>Biotechnology Progress</i> , 2017 , 33, 1059-1067	2.8	25
70	Enhancement of xylose utilization from corn stover by a recombinant <i>Escherichia coli</i> strain for ethanol production. <i>Bioresource Technology</i> , 2015 , 190, 182-8	11	25
69	Cloning, purification, and characterization of a thermostable alpha-L-arabinofuranosidase from <i>Anoxybacillus kestanbolensis</i> AC26Sari. <i>Applied Microbiology and Biotechnology</i> , 2008 , 81, 61-8	5.7	25
68	Cellulosic Butanol (ABE) Biofuel Production from Sweet Sorghum Bagasse (SSB): Impact of Hot Water Pretreatment and Solid Loadings on Fermentation Employing <i>Clostridium beijerinckii</i> P260. <i>Bioenergy Research</i> , 2016 , 9, 1167-1179	3.1	24
67	Biological abatement of inhibitors in rice hull hydrolyzate and fermentation to ethanol using conventional and engineered microbes. <i>Biomass and Bioenergy</i> , 2014 , 67, 79-88	5.3	24
66	Continuous ethanol production from wheat straw hydrolysate by recombinant ethanologenic <i>Escherichia coli</i> strain FBR5. <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 477-87	5.7	24
65	Amylolytic enzymes produced by a color variant strain of <i>Aureobasidium pullulans</i> . <i>Current Microbiology</i> , 1993 , 26, 267-273	2.4	23
64	Factors Affecting Production of Itaconic Acid from Mixed Sugars by <i>Aspergillus terreus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2019 , 187, 449-460	3.2	21
63	Effect of carbon source on production of alpha-L-arabinofuranosidase by <i>aureobasidium pullulans</i> . <i>Current Microbiology</i> , 1998 , 37, 337-40	2.4	21
62	Glucose tolerant and thermophilic α -glucosidases from yeasts. <i>Biotechnology Letters</i> , 1996 , 18, 155-158	3	21
61	Raw starch adsorption-desorption purification of a thermostable beta-amylase from <i>Clostridium thermosulfurogenes</i> . <i>Analytical Biochemistry</i> , 1988 , 175, 569-72	3.1	21
60	Ethanol production from lignocellulosic biomass by recombinant <i>Escherichia coli</i> strain FBR5. <i>Bioengineered</i> , 2012 , 3, 197-202	5.7	20

59	Physiological and enzymatic characterization of a novel pullulan-degrading thermophilic <i>Bacillus</i> strain 3183. <i>Applied Microbiology and Biotechnology</i> , 1990 , 33, 340-344	5.7	20
58	Effect of salt nutrients on mannitol production by <i>Lactobacillus intermedius</i> NRRL B-3693. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006 , 33, 887-90	4.2	19
57	Profile of enzyme production by <i>trichoderma reesei</i> grown on corn fiber fractions. <i>Applied Biochemistry and Biotechnology</i> , 2005 , 121, 0321-0334	3.2	18
56	Enzymes in Lignocellulosic Biomass Conversion. <i>ACS Symposium Series</i> , 1997 , 46-56	0.4	17
55	Enzymology of Xylan Degradation. <i>ACS Symposium Series</i> , 1999 , 167-194	0.4	17
54	Improved method for preparing high maltose conversion syrups. <i>Biotechnology and Bioengineering</i> , 1989 , 34, 299-303	4.9	17
53	Thermostable Saccharidases. <i>ACS Symposium Series</i> , 1991 , 36-51	0.4	17
52	Cyclodextrin Degrading Enzymes. <i>Starch/Staerke</i> , 1992 , 44, 312-315	2.3	16
51	Screening for L-arabinose fermenting yeasts. <i>Applied Biochemistry and Biotechnology</i> , 1996 , 57-58, 233-432	4.2	16
50	Alkaline Peroxide Pretreatment of Corn Stover for Enzymatic Saccharification and Ethanol Production. <i>Industrial Biotechnology</i> , 2014 , 10, 34-41	1.3	15
49	Microbial Production of Xylitol. <i>ACS Symposium Series</i> , 1997 , 307-319	0.4	15
48	Lignocellulosic Biomass Conversion to Ethanol by <i>Saccharomyces</i>		15
47	Global View of Biofuel Butanol and Economics of Its Production by Fermentation from Sweet Sorghum Bagasse, Food Waste, and Yellow Top Presscake: Application of Novel Technologies. <i>Fermentation</i> , 2020 , 6, 58	4.7	13
46	Butanol production from sweet sorghum bagasse with high solids content: Part I-comparison of liquid hot water pretreatment with dilute sulfuric acid. <i>Biotechnology Progress</i> , 2018 , 34, 960-966	2.8	12
45	Starch conversion by amylases from <i>Aureobasidium pullulans</i> . <i>Journal of Industrial Microbiology</i> , 1993 , 12, 413-416		12
44	Valorization of egg shell as a detoxifying and buffering agent for efficient polymalic acid production by <i>Aureobasidium pullulans</i> NRRL Y-2311-1 from barley straw hydrolysate. <i>Bioresource Technology</i> , 2019 , 278, 130-137	11	12
43	Cloning, expression, purification, and analysis of mannitol dehydrogenase gene <i>mtlK</i> from <i>Lactobacillus brevis</i> . <i>Applied Biochemistry and Biotechnology</i> , 2005 , 121, 0391-0402	3.2	11
42	Mannose and galactose as substrates for production of itaconic acid by <i>Aspergillus terreus</i> . <i>Letters in Applied Microbiology</i> , 2017 , 65, 527-533	2.9	10

41	Phosphate limitation alleviates the inhibitory effect of manganese on itaconic acid production by <i>Aspergillus terreus</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 18, 101016	4.2	10
40	High solid fed-batch butanol fermentation with simultaneous product recovery: Part II-process integration. <i>Biotechnology Progress</i> , 2018 , 34, 967-972	2.8	10
39	Genetically engineered <i>Escherichia coli</i> FBR5: part II. Ethanol production from xylose and simultaneous product recovery. <i>Biotechnology Progress</i> , 2012 , 28, 1179-85	2.8	10
38	Production of Mannitol by Fermentation. <i>ACS Symposium Series</i> , 2003 , 67-85	0.4	9
37	Purification and characterization of thermophilic and alkalophilic tributyrin esterase from <i>Bacillus</i> strain A30-1 (ATCC 53841). <i>JAOCS, Journal of the American Oil Chemists Society</i> , 1993 , 70, 1135-1138	1.8	9
36	Ninety six well microtiter plate as microbioreactors for production of itaconic acid by six <i>Aspergillus terreus</i> strains. <i>Journal of Microbiological Methods</i> , 2018 , 144, 53-59	2.8	9
35	Synthetic resin-bound truncated <i>Candida antarctica</i> lipase B for production of fatty acid alkyl esters by transesterification of corn and soybean oils with ethanol or butanol. <i>Journal of Biotechnology</i> , 2012 , 159, 69-77	3.7	8
34	Genetically engineered <i>Escherichia coli</i> FBR5: part I. Comparison of high cell density bioreactors for enhanced ethanol production from xylose. <i>Biotechnology Progress</i> , 2012 , 28, 1167-78	2.8	8
33	Irradiation of <i>Yarrowia lipolytica</i> NRRL YB-567 creating novel strains with enhanced ammonia and oil production on protein and carbohydrate substrates. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 9723-43	5.7	7
32	Conversion of agricultural by-products to methyl cellulose. <i>Industrial Crops and Products</i> , 2013 , 46, 297-300	3.0	7
31	Inhibition of Raw Starch Digestion by One Glucoamylase Preparation from Black <i>Aspergillus</i> at High Enzyme Concentration. <i>Starch/Staerke</i> , 1980 , 32, 420-423	2.3	7
30	Production of xylitol from mixed sugars of xylose and arabinose without co-producing arabitol. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020 , 29, 101786	4.2	7
29	Production of xylitol by a <i>Coniochaeta ligniaria</i> strain tolerant of inhibitors and defective in growth on xylose. <i>Biotechnology Progress</i> , 2016 , 32, 606-12	2.8	7
28	Process for Assembly and Transformation into <i>Saccharomyces cerevisiae</i> of a Synthetic Yeast Artificial Chromosome Containing a Multigene Cassette to Express Enzymes That Enhance Xylose Utilization Designed for an Automated Platform. <i>Journal of the Association for Laboratory Automation and Robotics</i> , 2017 , 23, 101-07	3.0	6
27	Production of <i>Candida antarctica</i> lipase B gene open reading frame using automated PCR gene assembly protocol on robotic workcell and expression in an ethanologenic yeast for use as resin-bound biocatalyst in biodiesel production. <i>Journal of the Association for Laboratory Automation</i> , 2011 , 16, 17-37	3.0	6
26	Yellow top (<i>Physaria fendleri</i>) presscake: A novel substrate for butanol production and reduction in environmental pollution. <i>Biotechnology Progress</i> , 2019 , 35, e2767	2.8	6
25	Fuel ethanol production from agricultural residues: Current status and future prospects. <i>Journal of Biotechnology</i> , 2008 , 136, S285-S286	3.7	5
24	Preparation of high conversion syrups by using thermostable amylases from thermoanaerobes. <i>Enzyme and Microbial Technology</i> , 1990 , 12, 229-231	3.8	5

23	Production of acetoneButanolEthanol (ABE) from concentrated yellow top presscake using <i>Clostridium beijerinckii</i> P260. <i>Journal of Chemical Technology and Biotechnology</i> , 2020 , 95, 614-620	3.5	5
22	Comparison of Amylopullulanase to Amylase and Pullulanase. <i>ACS Symposium Series</i> , 1991 , 362-371	0.4	4
21	Inhibition of Raw Starch Digestion by One Glucoamylase Preparation from Black Aspergillus at High Enzyme Concentration. <i>Starch/Staerke</i> , 1981 , 33, 313-316	2.3	4
20	Clostridial Enzymes 1989 , 227-263		4
19	Compatible solutes of sclerotia of <i>Mycoleptodiscus terrestris</i> under different culture and drying conditions. <i>Biocontrol Science and Technology</i> , 2011 , 21, 113-123	1.7	3
18	Isolation of an operon involved in xylitol metabolism from a xylitol-utilizing <i>Pantoea ananatis</i> mutant. <i>Journal of Bioscience and Bioengineering</i> , 2008 , 106, 337-44	3.3	3
17	Production of Mannitol by Lactic Acid Bacteria: A Review391-404		3
16	Commodity Chemicals Production by Fermentation: An Overview. <i>ACS Symposium Series</i> , 2003 , 3-17	0.4	3
15	Enzymes as Biocatalysts for Conversion of Lignocellulosic Biomass to Fermentable Sugars 2005 , 24-1-24-12		3
14	Production and characteristics of an intracellularGlucosidase from a color variant strain of <i>Aureobasidium pullulans</i> . <i>Current Microbiology</i> , 1993 , 27, 73-77	2.4	3
13	Efficient itaconic acid production by <i>Aspergillus terreus</i> : Overcoming the strong inhibitory effect of manganese. <i>Biotechnology Progress</i> , 2020 , 36, e2939	2.8	3
12	Fuel Ethanol Production from Corn Fiber Current Status and Technical Prospects 1998 , 115-125		3
11	Efficient bioconversion of waste bread into 2-keto-d-gluconic acid by <i>Pseudomonas reptilivora</i> NRRL B-6. <i>Biomass Conversion and Biorefinery</i> , 2020 , 10, 545-553	2.3	2
10	Biocatalysis in Anaerobic Extremophiles 1990 , 255-276		2
9	Cloning, Expression, Purification, and Analysis of Mannitol Dehydrogenase Gene mtlK from <i>Lactobacillus brevis</i> 2005 , 391-401		1
8	Profile of Enzyme Production by <i>Trichoderma reesei</i> Grown on Corn Fiber Fractions 2005 , 321-334		1
7	Screening for L-Arabinose Fermenting Yeasts 1996 , 233-242		1
6	Optimization of xylitol production from xylose by a novel arabitol limited co-producing NRRL Y-12728. <i>Preparative Biochemistry and Biotechnology</i> , 2021 , 51, 761-768	2.4	0

- 5 Cellulosic Butanol Biorefinery: Production of Biobutanol from High Solid Loadings of Sweet Sorghum Bagasse Simultaneous Saccharification, Fermentation, and Product Recovery. *Fermentation*, **2021**, 7, 310 4.7 ○
- 4 Advances in Enzyme Development and Applied Industrial Biocatalysis. *ACS Symposium Series*, **2001**, 2-12 ○.4
- 3 Novel Thermostable Saccharidases from Thermoanaerobes. *ACS Symposium Series*, **1991**, 86-97 ○.4
- 2 Direct hydrolysis of raw starch. *Microbiological Sciences*, **1984**, 1, 21-4
- 1 Biodegradation of starch and glycogen polymers **1994**, 313-346