Tom Birger GranstrÃ¶m

List of Publications by Year
in descending order

Version: 2024-02-01

48	2,172	270111 25	252626 46
papers	citations	h-index	g-index

48	48	48	2119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reducing agents assisted fed-batch fermentation to enhance ABE yields. Energy Conversion and Management, 2021, 227, 113627.	4.4	18
2	Efficient Strategy to Alleviate the Inhibitory Effect of Lignin-Derived Compounds for Enhanced Butanol Production. ACS Sustainable Chemistry and Engineering, 2021, 9, 1172-1179.	3.2	9
3	Effect of enzymatic high temperature prehydrolysis on the subsequent cellulose hydrolysis of steamâ€pretreated spruce in high solids concentration. Journal of Chemical Technology and Biotechnology, 2016, 91, 1844-1852.	1.6	13
4	Acetone-butanol-ethanol (ABE) fermentation using the root hydrolysate after extraction of forskolin from Coleus forskohlii. Renewable Energy, 2016, 86, 594-601.	4.3	20
5	Interaction of carbohydrates with alcohol dehydrogenase: Effect on enzyme activity. Journal of Bioscience and Bioengineering, 2015, 120, 252-256.	1.1	8
6	Biobutanol from Lignocellulosic Wastes. Biofuel and Biorefinery Technologies, 2015, , 289-324.	0.1	6
7	Genetic engineering of Clostridium acetobutylicum to enhance isopropanol-butanol-ethanol production with an integrated DNA-technology approach. Renewable Energy, 2015, 83, 1076-1083.	4.3	28
8	Continuous lignocellulosic ethanol production using Coleus forskohlii root hydrolysate. Fuel, 2014, 126, 77-84.	3.4	15
9	Enhanced stability of alcohol dehydrogenase by non-covalent interaction with polysaccharides. Applied Microbiology and Biotechnology, 2014, 98, 6307-6316.	1.7	27
10	Thermal behaviour and tolerance to ionic liquid [emim]OAc in GH10 xylanase from Thermoascus aurantiacus SL16W. Extremophiles, 2014, 18, 1023-1034.	0.9	23
11	Enhanced isopropanolâ€“butanolâ€“ethanol (IBE) production in immobilized column reactor using modified Clostridium acetobutylicum DSM792. Fuel, 2014, 136, 226-232.	3.4	38
12	A green process for the production of butanol from butyraldehyde using alcohol dehydrogenase: process details. RSC Advances, 2014, 4, 14597.	1.7	7
13	Oil palm empty fruit bunch to biofuels and chemicals via SO2â€“ethanolâ€“water fractionation and ABE fermentation. Bioresource Technology, 2013, 147, 102-109.	4.8	19
14	Biobutanol: the outlook of an academic and industrialist. RSC Advances, 2013, 3, 24734.	1.7	153
15	Wood pulp as an immobilization matrix for the continuous production of isopropanol and butanol. Journal of Industrial Microbiology and Biotechnology, 2013, 40, 209-215.	1.4	38
16	Wheat flour based propionic acid fermentation: An economic approach. Bioresource Technology, 2013, 129, 694-699.	4.8	23
17	The two stage immobilized column reactor with an integrated solvent recovery module for enhanced ABE production. Bioresource Technology, 2013, 140, 269-276.	4.8	41
18	Impact of varying lignocellulosic sugars on continuous solvent production in an immobilized column reactor. Bioresource Technology, 2013, 147, 299-306.	4.8	4

#	Article	IF	Citations
19	Market refused vegetables as a supplement for improved acetoneâ€“butanolâ€“ethanol production by Clostridium acetobutylicum DSM 792. Industrial Crops and Products, 2013, 45, 349-354.	2.5	15
20	Microbial production of xylitol and other polyols. , 2013, , 469-493.		0
21	Evaluation of Carbon and Electron Flow in <i>Lactobacillus brevis</i> as a Potential Host for Heterologous 1-Butanol Biosynthesis. Advances in Microbiology, 2013, 03, 450-461.	0.3	3
22	Butanol production from lignocellulosics. Biotechnology Letters, 2012, 34, 1415-1434.	1.1	98
23	Continuous two stage acetoneâ€“butanolâ€“ethanol fermentation with integrated solvent removal using Clostridium acetobutylicum B 5313. Bioresource Technology, 2012, 106, 110-116.	4.8	113
24	Continuous bio-catalytic conversion of sugar mixture to acetoneâ€“butanolâ€“ethanol by immobilized Clostridium acetobutylicum DSM 792. Applied Microbiology and Biotechnology, 2012, 93, 2309-2316.	1.7	72
25	Semi-bleached paper and fermentation products from a larch biorefinery. Tappi Journal, 2012, 11, 31-39.	0.2	2
26	Continuous acetoneâ€“butanolâ€“ethanol fermentation using SO2â€“ethanolâ€“water spent liquor from spruce. Bioresource Technology, 2011, 102, 10996-11002.	4.8	62
27	Continuous production of isopropanol and butanol using Clostridium beijerinckii DSM 6423. Applied Microbiology and Biotechnology, 2011, 91, 1305-1313.	1.7	89
28	Conditioning of SO2-ethanol-water spent liquor from spruce for the production of chemicals by ABE fermentation. Holzforschung, 2011, 65, .	0.9	22
29	Production of Glucose by Starch and Cellulose Acid Hydrolysis and its Use as a Fuel in Low-Temperature Direct-Mode Fuel Cells. Materials Science Forum, 2010, 638-642, 1164-1169.	0.3	11
30	Biotechnological production of l-ribose from l-arabinose. Applied Microbiology and Biotechnology, 2009, 83, 77-83.	1.7	40
31	Production of l-xylulose from xylitol by a newly isolated strain of Bacillus pallidus Y25 and characterization of its relevant enzyme xylitol dehydrogenase. Enzyme and Microbial Technology, 2007, 40, 1206-1212.	1.6	35
32	A rare sugar xylitol. Part II: biotechnological production and future applications of xylitol. Applied Microbiology and Biotechnology, 2007, 74, 273-276.	1.7	177
33	A rare sugar xylitol. Part I: the biochemistry and biosynthesis of xylitol. Applied Microbiology and Biotechnology, 2007, 74, 277-281.	1.7	124
34	Cloning, sequencing, overexpression and characterization of l-rhamnose isomerase from Bacillus pallidus Y25 for rare sugar production. Applied Microbiology and Biotechnology, 2007, 76, 1297-1307.	1.7	44
35	Efficient biosynthesis of d-allose from d-psicose by cross-linked recombinant l-rhamnose isomerase: Separation of product by ethanol crystallization. Journal of Bioscience and Bioengineering, 2006, 101, 340-345.	1.1	62
36	Large scale production of d-allose from d-psicose using continuous bioreactor and separation system. Enzyme and Microbial Technology, 2006, 38, 855-859.	1.6	44

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37	Novel substrate specificity of d-arabinose isomerase from Klebsiella pneumoniae and its application to production of d-altrose from d-psicose. Journal of Bioscience and Bioengineering, 2006, 102, 436-441.	1.1	46
38	l-Xylose and l-lyxose production from xylitol using Alcaligenes 701B strain and immobilized l-rhamnose isomerase enzyme. Enzyme and Microbial Technology, 2005, 36, 976-981.	1.6	27
39	Izumoring. Journal of Bioscience and Bioengineering, 2004, 97, 89-94.	1.1	309
40	A novel enzymatic approach to the massproduction of L-galactose from L-sorbose. Journal of Bioscience and Bioengineering, 2004, 97, 383-388.	1.1	34
41	Growth characteristics and oxidative capacity of Acetobacter aceti IFO 3281: implications for l-ribulose production. Applied Microbiology and Biotechnology, 2004, 63, 584-591.	1.7	25
42	Novel reactions of l-rhamnose isomerase from Pseudomonas stutzeri and its relation with d-xylose isomerase via substrate specificity. Biochimica Et Biophysica Acta - General Subjects, 2004, 1674, 68-77.	1.1	73
43	Metabolic Flux Analysis of Candida tropicalis Growing on Xylose in an Oxygen-Limited Chemostat. Metabolic Engineering, 2002, 4, 248-256.	3.6	31
44	Controlled transient changes reveal differences in metabolite production in two Candida yeasts. Applied Microbiology and Biotechnology, 2002, 58, 511-516.	1.7	27
45	Candida guilliermondii grows on rare pentoses â€“ implications for production of pure xylitol. Biotechnology Letters, 2002, 24, 507-510.	1.1	9
46	Biodegradation of VOCs from printing press air by an on-site pilot plant bioscrubber and laboratory scale continuous yeast cultures. Biodegradation, 2002, 13, 155-162.	1.5	16
47	Chemostat study of xylitol production by Candida guilliermondii. Applied Microbiology and Biotechnology, 2001, 55, 36-42.	1.7	48
48	Growth characteristics and metabolic flux analysis ofCandida milleri. Biotechnology and Bioengineering, 2000, 70, 197-207.	1.7	24