

Gunnar Liden

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126
papers

8,699
citations

48
h-index

92
g-index

129
ext. papers

9,508
ext. citations

4.9
avg, IF

6.1
L-index

#	Paper	IF	Citations
126	Rational and evolutionary engineering of <i>Saccharomyces cerevisiae</i> for production of dicarboxylic acids from lignocellulosic biomass and exploring genetic mechanisms of the yeast tolerance to the biomass hydrolysate. 2022 , 15, 22		0
125	Mass Transport of Lignin in Confined Pores. <i>Polymers</i> , 2022 , 14, 1993	4.5	0
124	Optically pure lactic acid production from softwood-derived mannose by <i>Pediococcus acidilactici</i> . <i>Journal of Biotechnology</i> , 2021 , 335, 1-8	3.7	2
123	In situ measurements of oxidation-reduction potential and hydrogen peroxide concentration as tools for revealing LPMO inactivation during enzymatic saccharification of cellulose. <i>Biotechnology for Biofuels</i> , 2021 , 14, 46	7.8	6
122	Vanillin Production in : Whole-Genome Sequencing of sp. Strain 9.1 and Reannotation of <i>Pseudomonas putida</i> CalA as a Vanillin Reductase. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	12
121	Demonstration-scale enzymatic saccharification of sulfite-pulped spruce with addition of hydrogen peroxide for LPMO activation. <i>Biofuels, Bioproducts and Biorefining</i> , 2020 , 14, 734-745	5.3	17
120	Life-cycle assessment of the production of cationized tannins from Norway spruce bark as flocculants in wastewater treatment. <i>Biofuels, Bioproducts and Biorefining</i> , 2020 , 14, 1270-1285	5.3	3
119	Oxidation-reduction potential (ORP) as a tool for process monitoring of H ₂ O ₂ /LPMO assisted enzymatic hydrolysis of cellulose. <i>Process Biochemistry</i> , 2019 , 86, 89-97	4.8	9
118	Identification of the two-component guaiacol demethylase system from <i>Rhodococcus rhodochrous</i> and expression in <i>Pseudomonas putida</i> EM42 for guaiacol assimilation. <i>AMB Express</i> , 2019 , 9, 34	4.1	20
117	Identification of modifications procuring growth on xylose in recombinant <i>Saccharomyces cerevisiae</i> strains carrying the Weimberg pathway. <i>Metabolic Engineering</i> , 2019 , 55, 1-11	9.7	15
116	Oxidative Depolymerization of Kraft Lignin for Microbial Conversion. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 11640-11652	8.3	34
115	Bacterial conversion of depolymerized Kraft lignin. <i>Biotechnology for Biofuels</i> , 2019 , 12, 56	7.8	24
114	Mapping the diversity of microbial lignin catabolism: experiences from the eLignin database. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 3979-4002	5.7	48
113	Physiological characterization and sequence analysis of a syringate-consuming Actinobacterium. <i>Bioresource Technology</i> , 2019 , 285, 121327	11	9
112	Viscosity reduction of pretreated softwood by endoglucanases. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 2440-2446	3.5	2
111	Exploring D-xylose oxidation in <i>Saccharomyces cerevisiae</i> through the Weimberg pathway. <i>AMB Express</i> , 2018 , 8, 33	4.1	17
110	Removal of Water-Soluble Extractives Improves the Enzymatic Digestibility of Steam-Pretreated Softwood Barks. <i>Applied Biochemistry and Biotechnology</i> , 2018 , 184, 599-615	3.2	15

109	Characterization of the Weimberg Pathway in <i>Caulobacter crescentus</i> . <i>Fermentation</i> , 2018 , 4, 44	4.7	3
108	Biological conversion of aromatic monolignol compounds by a <i>Pseudomonas</i> isolate from sediments of the Baltic Sea. <i>AMB Express</i> , 2018 , 8, 32	4.1	17
107	Retraction Note to: Bacterial conversion of depolymerized Kraft lignin. <i>Biotechnology for Biofuels</i> , 2018 , 11, 313	7.8	
106	Bacterial conversion of depolymerized Kraft lignin. <i>Biotechnology for Biofuels</i> , 2018 , 11, 240	7.8	4
105	Effect of nitrogen availability on the poly-3-D-hydroxybutyrate accumulation by engineered <i>Saccharomyces cerevisiae</i> . <i>AMB Express</i> , 2017 , 7, 35	4.1	10
104	A rapid method for analysis of fermentatively produced D-xylonate using ultra-high performance liquid chromatography and evaporative light scattering detection. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017 , 81, 1078-1080	2.1	4
103	Conversion of lignin model compounds by <i>Pseudomonas putida</i> KT2440 and isolates from compost. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 5059-5070	5.7	73
102	Does sugar inhibition explain mixing effects in enzymatic hydrolysis of lignocellulose?. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 868-873	3.5	5
101	Carboxylic Acid Production. <i>Fermentation</i> , 2017 , 3, 46	4.7	8
100	Scale-up of high-solid enzymatic hydrolysis of steam-pretreated softwood: the effects of reactor flow conditions. <i>Biomass Conversion and Biorefinery</i> , 2016 , 6, 173-180	2.3	16
99	Modelling succinic acid fermentation using a xylose based substrate. <i>Biochemical Engineering Journal</i> , 2016 , 114, 26-41	4.2	32
98	Succinic acid production by <i>Actinobacillus succinogenes</i> from batch fermentation of mixed sugars. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 1117-30	4.2	26
97	Biological valorization of low molecular weight lignin. <i>Biotechnology Advances</i> , 2016 , 34, 1318-1346	17.8	217
96	Ultra-high performance supercritical fluid chromatography of lignin-derived phenols from alkaline cupric oxide oxidation. <i>Journal of Separation Science</i> , 2016 , 39, 3123-9	3.4	19
95	Modelling of the oxygen level response to feed rate perturbations in an industrial scale fermentation process. <i>Process Biochemistry</i> , 2015 , 50, 507-516	4.8	6
94	Implications of differences in macromolecular composition of stem fractions for processing of Scots pine. <i>Wood Science and Technology</i> , 2015 , 49, 1037-1054	2.5	7
93	SO ₂ -catalysed steam pretreatment of quinoa stalks. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 64-71	3.5	12
92	Process engineering for bioflavour production with metabolically active yeasts - a mini-review. <i>Yeast</i> , 2015 , 32, 123-43	3.4	40

91	Model-based estimation of optimal temperature profile during simultaneous saccharification and fermentation of <i>Arundo donax</i> . <i>Biotechnology and Bioengineering</i> , 2014 , 111, 866-75	4.9	20
90	Combining the effects of process design and pH for improved xylose conversion in high solid ethanol production from <i>Arundo donax</i> . <i>AMB Express</i> , 2014 , 4, 41	4.1	11
89	<i>Saccharomyces cerevisiae</i> : a potential host for carboxylic acid production from lignocellulosic feedstock?. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 7299-318	5.7	18
88	Effects of agitation on particle-size distribution and enzymatic hydrolysis of pretreated spruce and giant reed. <i>Biotechnology for Biofuels</i> , 2014 , 7, 77	7.8	39
87	Development of a D-xylose fermenting and inhibitor tolerant industrial <i>Saccharomyces cerevisiae</i> strain with high performance in lignocellulose hydrolysates using metabolic and evolutionary engineering. <i>Biotechnology for Biofuels</i> , 2013 , 6, 89	7.8	217
86	Feed rate control in fed-batch fermentations based on frequency content analysis. <i>Biotechnology Progress</i> , 2013 , 29, 817-24	2.8	10
85	Effect of Temperature on Simultaneous Saccharification and Fermentation of Pretreated Spruce and <i>Arundo</i> . <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 1244-1251	3.9	22
84	Fermentation of the Straw Material Paja Brava by the Yeast <i>Pichia stipitis</i> in a Simultaneous Saccharification and Fermentation Process. <i>Journal of Sustainable Bioenergy Systems</i> , 2013 , 03, 99-106	0.9	1
83	Torque measurements reveal large process differences between materials during high solid enzymatic hydrolysis of pretreated lignocellulose. <i>Biotechnology for Biofuels</i> , 2012 , 5, 57	7.8	45
82	Design of a novel biohythane process with high H ₂ and CH ₄ production rates. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 17749-17762	6.7	38
81	Cellulose accessibility determines the rate of enzymatic hydrolysis of steam-pretreated spruce. <i>Bioresource Technology</i> , 2012 , 126, 208-15	11	121
80	Challenges in enzymatic hydrolysis and fermentation of pretreated <i>Arundo donax</i> revealed by a comparison between SHF and SSF. <i>Process Biochemistry</i> , 2012 , 47, 1452-1459	4.8	73
79	Arabinosylated phenolics obtained from SO ₂ -steam-pretreated sugarcane bagasse. <i>Journal of Chemical Technology and Biotechnology</i> , 2012 , 87, 1723-1725	3.5	4
78	A cellulolytic <i>Hypocrea</i> strain isolated from South American brave straw produces a modular xylanase. <i>Carbohydrate Research</i> , 2012 , 356, 215-23	2.9	6
77	Bioreaction Engineering Principles 2011 ,		132
76	A mutated xylose reductase increases bioethanol production more than a glucose/xylose facilitator in simultaneous fermentation and co-fermentation of wheat straw. <i>AMB Express</i> , 2011 , 1, 4	4.1	12
75	Steam pretreatment and fermentation of the straw material "Paja Brava" using simultaneous saccharification and co-fermentation. <i>Journal of Bioscience and Bioengineering</i> , 2011 , 111, 167-74	3.3	27
74	Stress-related challenges in pentose fermentation to ethanol by the yeast <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Journal</i> , 2011 , 6, 286-99	5.6	82

73	Effect of mixing on enzymatic hydrolysis of steam-pretreated spruce: a quantitative analysis of conversion and power consumption. <i>Biotechnology for Biofuels</i> , 2011 , 4, 10	7.8	62
72	Rheological characterization of dilute acid pretreated softwood. <i>Biotechnology and Bioengineering</i> , 2011 , 108, 1031-41	4.9	43
71	The glucose/xylose facilitator Gxf1 from <i>Candida intermedia</i> expressed in a xylose-fermenting industrial strain of <i>Saccharomyces cerevisiae</i> increases xylose uptake in SSCF of wheat straw. <i>Enzyme and Microbial Technology</i> , 2011 , 48, 518-25	3.8	32
70	Chemicals from Metabolic Pathways 2011 , 7-62		5
69	Controlled feeding of cellulases improves conversion of xylose in simultaneous saccharification and co-fermentation for bioethanol production. <i>Journal of Biotechnology</i> , 2010 , 145, 168-75	3.7	79
68	Enzyme adsorption on SO ₂ catalyzed steam-pretreated wheat and spruce material. <i>Enzyme and Microbial Technology</i> , 2010 , 46, 159-169	3.8	32
67	SO ₂ -catalyzed steam pretreatment and fermentation of enzymatically hydrolyzed sugarcane bagasse. <i>Enzyme and Microbial Technology</i> , 2010 , 46, 64-73	3.8	106
66	Improving simultaneous saccharification and co-fermentation of pretreated wheat straw using both enzyme and substrate feeding. <i>Biotechnology for Biofuels</i> , 2010 , 3, 17	7.8	66
65	Metabolic effects of furaldehydes and impacts on biotechnological processes. <i>Applied Microbiology and Biotechnology</i> , 2009 , 82, 625-38	5.7	236
64	Carbon fluxes of xylose-consuming <i>Saccharomyces cerevisiae</i> strains are affected differently by NADH and NADPH usage in HMF reduction. <i>Applied Microbiology and Biotechnology</i> , 2009 , 84, 751-61	5.7	39
63	Prefermentation improves xylose utilization in simultaneous saccharification and co-fermentation of pretreated spruce. <i>Biotechnology for Biofuels</i> , 2009 , 2, 8	7.8	67
62	Low temperature anaerobic digestion of mixtures of llama, cow and sheep manure for improved methane production. <i>Biomass and Bioenergy</i> , 2009 , 33, 527-533	5.3	74
61	Effect of Substrate Specific Area on Lignocellulose Enzymatic Hydrolysis: An Experimental and Modeling Investigation. <i>Computer Aided Chemical Engineering</i> , 2009 , 27, 1701-1706	0.6	1
60	Designing simultaneous saccharification and fermentation for improved xylose conversion by a recombinant strain of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biotechnology</i> , 2008 , 134, 112-20	3.7	123
59	NADH- vs NADPH-coupled reduction of 5-hydroxymethyl furfural (HMF) and its implications on product distribution in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2008 , 78, 939-45	5.7	101
58	Modeling simultaneous glucose and xylose uptake in <i>Saccharomyces cerevisiae</i> from kinetics and gene expression of sugar transporters. <i>Bioprocess and Biosystems Engineering</i> , 2008 , 31, 369-77	3.7	60
57	<i>Pichia stipitis</i> xylose reductase helps detoxifying lignocellulosic hydrolysate by reducing 5-hydroxymethyl-furfural (HMF). <i>Biotechnology for Biofuels</i> , 2008 , 1, 12	7.8	59
56	A short review on SSF - an interesting process option for ethanol production from lignocellulosic feedstocks. <i>Biotechnology for Biofuels</i> , 2008 , 1, 7	7.8	517

55	Simultaneous saccharification and fermentation of steam-pretreated bagasse using <i>Saccharomyces cerevisiae</i> TMB3400 and <i>Pichia stipitis</i> CBS6054. <i>Biotechnology and Bioengineering</i> , 2008 , 99, 783-90	4.9	99
54	Variability of the response of <i>Saccharomyces cerevisiae</i> strains to lignocellulose hydrolysate. <i>Biotechnology and Bioengineering</i> , 2008 , 100, 423-9	4.9	44
53	Semi-continuous co-digestion of solid slaughterhouse waste, manure, and fruit and vegetable waste. <i>Renewable Energy</i> , 2008 , 33, 726-734	8.1	201
52	The effect of temperature variation on biomethanation at high altitude. <i>Bioresource Technology</i> , 2008 , 99, 7278-84	11	68
51	Anaerobic co-digestion of aquatic flora and quinoa with manures from Bolivian Altiplano. <i>Waste Management</i> , 2008 , 28, 1933-40	8.6	34
50	Increased tolerance and conversion of inhibitors in lignocellulosic hydrolysates by <i>Saccharomyces cerevisiae</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 82, 340-349	3.5	693
49	Identification of a trypsin-like serine protease from <i>Trichoderma reesei</i> QM9414. <i>Enzyme and Microbial Technology</i> , 2007 , 40, 1087-1094	3.8	26
48	Controlled pilot development unit-scale fed-batch cultivation of yeast on spruce hydrolysates. <i>Biotechnology Progress</i> , 2007 , 23, 351-8	2.8	7
47	Anaerobic glycerol production by <i>Saccharomyces cerevisiae</i> strains under hyperosmotic stress. <i>Applied Microbiology and Biotechnology</i> , 2007 , 75, 289-96	5.7	29
46	Fed-batch cultivation of <i>Saccharomyces cerevisiae</i> on lignocellulosic hydrolyzate. <i>Biotechnology Letters</i> , 2007 , 29, 219-25	3	12
45	Bio-ethanol--the fuel of tomorrow from the residues of today. <i>Trends in Biotechnology</i> , 2006 , 24, 549-56	15.1	1086
44	Transcriptome analysis of a shikimic acid producing strain of <i>Escherichia coli</i> W3110 grown under carbon- and phosphate-limited conditions. <i>Journal of Biotechnology</i> , 2006 , 126, 528-45	3.7	48
43	A 5-hydroxymethyl furfural reducing enzyme encoded by the <i>Saccharomyces cerevisiae</i> ADH6 gene conveys HMF tolerance. <i>Yeast</i> , 2006 , 23, 455-64	3.4	220
42	MFA for overdetermined systems reviewed and compared with rna expression data to elucidate the difference in shikimate yield between carbon- and phosphate-limited continuous cultures of <i>E. coli</i> W3110.shik1. <i>Biotechnology Progress</i> , 2006 , 22, 1056-70	2.8	6
41	A study of long-term effects on plasmid-containing <i>Escherichia coli</i> in carbon-limited chemostat using 2D-fluorescence spectrofluorimetry. <i>Biotechnology Progress</i> , 2006 , 22, 1132-9	2.8	17
40	Biogas production from llama and cow manure at high altitude. <i>Biomass and Bioenergy</i> , 2006 , 30, 66-75	5.3	79
39	Influence of strain and cultivation procedure on the performance of simultaneous saccharification and fermentation of steam pretreated spruce. <i>Enzyme and Microbial Technology</i> , 2006 , 38, 279-286	3.8	82
38	A comparison between batch and fed-batch simultaneous saccharification and fermentation of steam pretreated spruce. <i>Enzyme and Microbial Technology</i> , 2005 , 37, 195-204	3.8	124

37	Shikimic acid production by a modified strain of <i>E. coli</i> (W3110.shik1) under phosphate-limited and carbon-limited conditions. <i>Biotechnology and Bioengineering</i> , 2005 , 92, 541-52	4.9	68
36	The YIG1 (YPL201c) encoded protein is involved in regulating anaerobic glycerol metabolism in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2005 , 22, 1257-68	3.4	2
35	Cofactor dependence in furan reduction by <i>Saccharomyces cerevisiae</i> in fermentation of acid-hydrolyzed lignocellulose. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 7866-71	4.8	78
34	Dynamics of cellulase production by glucose grown cultures of <i>Trichoderma reesei</i> Rut-C30 as a response to addition of cellulose. <i>Applied Biochemistry and Biotechnology</i> , 2004 , 113-116, 115-24	3.2	23
33	Controlled fed-batch fermentations of dilute-acid hydrolysate in pilot development unit scale. <i>Applied Biochemistry and Biotechnology</i> , 2004 , 113-116, 601-17	3.2	16
32	Dilute-acid hydrolysis for fermentation of the Bolivian straw material Paja Brava. <i>Bioresource Technology</i> , 2004 , 93, 249-56	11	76
31	Controlled Fed-Batch Fermentations of Dilute-Acid Hydrolysate in Pilot Development Unit Scale 2004 , 601-617		2
30	Control of xylose consumption by xylose transport in recombinant <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2003 , 82, 818-24	4.9	72
29	Engineering of the metabolism of <i>Saccharomyces cerevisiae</i> for anaerobic production of mannitol. <i>FEMS Yeast Research</i> , 2003 , 3, 17-25	3.1	6
28	Effects of furfural on the respiratory metabolism of <i>Saccharomyces cerevisiae</i> in glucose-limited chemostats. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 4076-86	4.8	121
27	Bioreaction Engineering Principles 2003 ,		113
26	Understanding the bioreactor. <i>Bioprocess and Biosystems Engineering</i> , 2002 , 24, 273-279	3.7	48
25	Continuous estimation of product concentration with calorimetry and gas analysis during anaerobic fermentations of <i>Saccharomyces cerevisiae</i> . <i>Thermochimica Acta</i> , 2002 , 394, 185-190	2.9	5
24	Strategies for enhancing fermentative production of glycerol review. <i>Enzyme and Microbial Technology</i> , 2002 , 31, 53-66	3.8	82
23	Inhibition effects of furfural on alcohol dehydrogenase, aldehyde dehydrogenase and pyruvate dehydrogenase. <i>Biochemical Journal</i> , 2002 , 363, 769-776	3.8	294
22	Inhibition effects of furfural on alcohol dehydrogenase, aldehyde dehydrogenase and pyruvate dehydrogenase. <i>Biochemical Journal</i> , 2002 , 363, 769-76	3.8	153
21	Effects of furfural on anaerobic continuous cultivation of <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2001 , 75, 540-9	4.9	59
20	Use of dynamic step response for control of fed-batch conversion of lignocellulosic hydrolyzates to ethanol. <i>Journal of Biotechnology</i> , 2001 , 89, 41-53	3.7	43

19	On-line control of fed-batch fermentation of dilute-acid hydrolyzates. <i>Biotechnology and Bioengineering</i> , 2000 , 69, 330-8	4.9	51
18	Inhibition effects of furfural on aerobic batch cultivation of <i>Saccharomyces cerevisiae</i> growing on ethanol and/or acetic acid. <i>Journal of Bioscience and Bioengineering</i> , 2000 , 90, 374-80	3.3	76
17	Physiological effects of 5-hydroxymethylfurfural on <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2000 , 53, 701-8	5.7	277
16	Inhibition Effects of Furfural on Aerobic Batch Cultivation of <i>Saccharomyces cerevisiae</i> Growing on Ethanol and/or Acetic Acid.. <i>Journal of Bioscience and Bioengineering</i> , 2000 , 90, 374-380	3.3	1
15	Conversion of dilute-acid hydrolyzates of spruce and birch to ethanol by fed-batch fermentation. <i>Bioresource Technology</i> , 1999 , 69, 59-66	11	86
14	Predicting fermentability of wood hydrolyzates with responses from electronic noses. <i>Biotechnology Progress</i> , 1999 , 15, 617-21	2.8	13
13	Conversion of furfural in aerobic and anaerobic batch fermentation of glucose by <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , 1999 , 87, 169-74	3.3	195
12	Distribution of ¹⁴ C-labelled carbon from glucose and glutamate during anaerobic growth of <i>Saccharomyces cerevisiae</i> . <i>Microbiology (United Kingdom)</i> , 1998 , 144 (Pt 6), 1683-1690	2.9	21
11	Characterization and Fermentation of Dilute-Acid Hydrolyzates from Wood. <i>Industrial & Engineering Chemistry Research</i> , 1997 , 36, 4659-4665	3.9	246
10	Acetic acid friend or foe in anaerobic batch conversion of glucose to ethanol by <i>Saccharomyces cerevisiae</i> ?. <i>Chemical Engineering Science</i> , 1997 , 52, 2653-2659	4.4	212
9	Dynamics of ammonia uptake in nitrogen limited anaerobic cultures of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biotechnology</i> , 1996 , 46, 33-42	3.7	6
8	A new method for studying microaerobic fermentations. I. A theoretical analysis of oxygen programmed fermentation. <i>Biotechnology and Bioengineering</i> , 1994 , 44, 419-27	4.9	9
7	A new method for studying microaerobic fermentations. II. An experimental investigation of xylose fermentation. <i>Biotechnology and Bioengineering</i> , 1994 , 44, 429-35	4.9	3
6	In situ fluorescence measurements-clarifying or blurring the picture?. <i>Pure and Applied Chemistry</i> , 1993 , 65, 1927-1932	2.1	18
5	An extended model for open-ended fluorosensor probes. <i>Biotechnology Progress</i> , 1993 , 9, 179-85	2.8	5
4	The effect of carbon dioxide on xylose fermentation by <i>Pichia stipitis</i> . <i>Applied Biochemistry and Biotechnology</i> , 1993 , 38, 27-40	3.2	9
3	Anaerobic fermentation of xylose by <i>Pichia stipitis</i> : The effect of forced cycling of pH. <i>Canadian Journal of Chemical Engineering</i> , 1993 , 71, 911-916	2.3	7
2	Periodic operation of a tubular reactor: A simulation study of consecutive reactions in a chromatographic reactor. <i>The Chemical Engineering Journal</i> , 1989 , 40, 31-37		7

- 1 A calorimetric and fluorescence study of batch cultures of *Saccharomyces cerevisiae*. *Applied Microbiology and Biotechnology*, **1989**, 31, 355 5.7 8