

Guido Zacchi

List of Publications by Year in descending order

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136
papers

11,826
citations

26567

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docs citations

139
times ranked

7228
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of mixed agricultural feedstocks on steam pretreatment, enzymatic hydrolysis, and cofermentation in the lignocellulose-to-ethanol process. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 253-266.	2.9	21
2	Sequential Targeting of Xylose and Glucose Conversion in Fed-Batch Simultaneous Saccharification and Co-fermentation of Steam-Pretreated Wheat Straw for Improved Xylose Conversion to Ethanol. <i>Bioenergy Research</i> , 2017, 10, 800-810.	2.2	24
3	Influence of different SSF conditions on ethanol production from corn stover at high solids loadings. <i>Energy Science and Engineering</i> , 2015, 3, 481-489.	1.9	22
4	Optimizing Ethanol and Methane Production from Steam-pretreated, Phosphoric Acid-impregnated Corn Stover. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 1371-1388.	1.4	12
5	Comparison of energy potentials from combined ethanol and methane production using steam-pretreated corn stover impregnated with acetic acid. <i>Biomass and Bioenergy</i> , 2014, 67, 413-424.	2.9	24
6	Ethanol and biogas production after steam pretreatment of corn stover with or without the addition of sulphuric acid. <i>Biotechnology for Biofuels</i> , 2013, 6, 11.	6.2	101
7	Glucose and xylose co-fermentation of pretreated wheat straw using mutants of <i>S. cerevisiae</i> TMB3400. <i>Journal of Biotechnology</i> , 2013, 164, 50-58.	1.9	15
8	Influence of fiber degradation and concentration of fermentable sugars on simultaneous saccharification and fermentation of high-solids spruce slurry to ethanol. <i>Biotechnology for Biofuels</i> , 2013, 6, 145.	6.2	18
9	SSF of steam-pretreated wheat straw with the addition of saccharified or fermented wheat meal in integrated bioethanol production. <i>Biotechnology for Biofuels</i> , 2013, 6, 169.	6.2	41
10	Simultaneous saccharification and co-fermentation of whole wheat in integrated ethanol production. <i>Biomass and Bioenergy</i> , 2013, 56, 506-514.	2.9	36
11	Simultaneous saccharification and co-fermentation for bioethanol production using corncobs at lab, PDU and demo scales. <i>Biotechnology for Biofuels</i> , 2013, 6, 2.	6.2	91
12	The effect of prehydrolysis and improved mixing on high-solids batch simultaneous saccharification and fermentation of spruce to ethanol. <i>Process Biochemistry</i> , 2013, 48, 289-293.	1.8	61
13	Pretreatment: The key to efficient utilization of lignocellulosic materials. <i>Biomass and Bioenergy</i> , 2012, 46, 70-78.	2.9	353
14	Separate hydrolysis and co-fermentation for improved xylose utilization in integrated ethanol production from wheat meal and wheat straw. <i>Biotechnology for Biofuels</i> , 2012, 5, 12.	6.2	61
15	Techno-economic evaluation of 2nd generation bioethanol production from sugar cane bagasse and leaves integrated with the sugar-based ethanol process. <i>Biotechnology for Biofuels</i> , 2012, 5, 22.	6.2	210
16	Enhancement of the enzymatic digestibility of sugarcane bagasse by steam pretreatment impregnated with hydrogen peroxide. <i>Biotechnology Progress</i> , 2012, 28, 1207-1217.	1.3	14
17	The influence of ferrous sulfate utilization on the sugar yields from dilute-acid pretreatment of softwood for bioethanol production. <i>Bioresource Technology</i> , 2011, 102, 1103-1108.	4.8	34
18	Evaluation of steam-pretreated giant bamboo for production of fermentable sugars. <i>Biotechnology Progress</i> , 2011, 27, 641-649.	1.3	32

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19	Bioconversion of industrial hemp to ethanol and methane: The benefits of steam pretreatment and co-production. <i>Bioresource Technology</i> , 2011, 102, 3457-3465.	4.8	114
20	Influence of impregnation with lactic acid on sugar yields from steam pretreatment of sugarcane bagasse and spruce, for bioethanol production. <i>Biomass and Bioenergy</i> , 2011, 35, 3115-3122.	2.9	18
21	Improved one-step steam pretreatment of SO ₂ -impregnated softwood with time-dependent temperature profile for ethanol production. <i>Biotechnology Progress</i> , 2010, 26, 1054-1060.	1.3	19
22	Steam pretreatment of dry and ensiled industrial hemp for ethanol production. <i>Biomass and Bioenergy</i> , 2010, 34, 1721-1731.	2.9	100
23	Effects of enzyme feeding strategy on ethanol yield in fed-batch simultaneous saccharification and fermentation of spruce at high dry matter. <i>Biotechnology for Biofuels</i> , 2010, 3, 14.	6.2	54
24	Impact of dual temperature profile in dilute acid hydrolysis of spruce for ethanol production. <i>Biotechnology for Biofuels</i> , 2010, 3, 15.	6.2	18
25	Ethanol production from mixtures of wheat straw and wheat meal. <i>Biotechnology for Biofuels</i> , 2010, 3, 16.	6.2	115
26	Techno-economic evaluation of stillage treatment with anaerobic digestion in a softwood-to-ethanol process. <i>Biotechnology for Biofuels</i> , 2010, 3, 21.	6.2	56
27	Process Design and Economics of On-Site Cellulase Production on Various Carbon Sources in a Softwood-Based Ethanol Plant. <i>Enzyme Research</i> , 2010, 2010, 1-8.	1.8	63
28	Production of fuel ethanol from softwood by simultaneous saccharification and fermentation at high dry matter content. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 570-577.	1.6	75
29	Enzymatic hydrolysis of steam-pretreated lignocellulosic materials with <i>Trichoderma atroviride</i> enzymes produced in-house. <i>Biotechnology for Biofuels</i> , 2009, 2, 14.	6.2	94
30	The influence of solid/liquid separation techniques on the sugar yield in two-step dilute acid hydrolysis of softwood followed by enzymatic hydrolysis. <i>Biotechnology for Biofuels</i> , 2009, 2, 6.	6.2	36
31	Enzymatic hydrolysis and simultaneous saccharification and fermentation of steam-pretreated spruce using crude <i>Trichoderma reesei</i> and <i>Trichoderma atroviride</i> enzymes. <i>Process Biochemistry</i> , 2009, 44, 1323-1329.	1.8	33
32	Extraction of water-soluble hemicelluloses from barley husks. <i>Bioresource Technology</i> , 2009, 100, 763-769.	4.8	68
33	Comparative enzymatic hydrolysis of pretreated spruce by supernatants, whole fermentation broths and washed mycelia of <i>Trichoderma reesei</i> and <i>Trichoderma atroviride</i> . <i>Bioresource Technology</i> , 2009, 100, 1350-1357.	4.8	115
34	Impact of impregnation time and chip size on sugar yield in pretreatment of softwood for ethanol production. <i>Bioresource Technology</i> , 2009, 100, 6312-6316.	4.8	88
35	Integration options for high energy efficiency and improved economics in a wood-to-ethanol process. <i>Biotechnology for Biofuels</i> , 2008, 1, 4.	6.2	46
36	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, 783-790.	1.7	108

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37	Steam pretreatment of H ₂ SO ₄ -impregnated Salix for the production of bioethanol. <i>Bioresource Technology</i> , 2008, 99, 137-145.	4.8	175
38	Energy considerations for a SSF-based softwood ethanol plant. <i>Bioresource Technology</i> , 2008, 99, 2121-2131.	4.8	90
39	Techno-economic evaluation of bioethanol production from three different lignocellulosic materials. <i>Biomass and Bioenergy</i> , 2008, 32, 422-430.	2.9	377
40	<i>Trichoderma atroviride</i> mutants with enhanced production of cellulase and β -glucosidase on pretreated willow. <i>Enzyme and Microbial Technology</i> , 2008, 43, 48-55.	1.6	78
41	Techno-Economic Evaluation of Producing Ethanol from Softwood: Comparison of SSF and SHF and Identification of Bottlenecks. <i>Biotechnology Progress</i> , 2008, 19, 1109-1117.	1.3	532
42	Hydrolysis of Nonstarch Carbohydrates of Wheat-Starch Effluent for Ethanol Production. <i>Biotechnology Progress</i> , 2008, 20, 474-479.	1.3	15
43	Economic Evaluation of Isolation of Hemicelluloses From Process Streams From Thermomechanical Pulping of Spruce. , 2007, , 741-752.		4
44	Pretreatment of Lignocellulosic Materials for Efficient Bioethanol Production. , 2007, 108, 41-65.		408
45	Effect of hemicellulose and lignin removal on enzymatic hydrolysis of steam pretreated corn stover. <i>Bioresource Technology</i> , 2007, 98, 2503-2510.	4.8	474
46	High temperature enzymatic prehydrolysis prior to simultaneous saccharification and fermentation of steam pretreated corn stover for ethanol production. <i>Enzyme and Microbial Technology</i> , 2007, 40, 607-613.	1.6	134
47	Process Engineering Economics of Bioethanol Production. , 2007, 108, 303-327.		141
48	Economic evaluation of isolation of hemicelluloses from process streams from thermomechanical pulping of spruce. <i>Applied Biochemistry and Biotechnology</i> , 2007, 137-140, 741-752.	1.4	30
49	Comparison of diafiltration and size-exclusion chromatography to recover hemicelluloses from process water from thermomechanical pulping of spruce. <i>Applied Biochemistry and Biotechnology</i> , 2007, 137-140, 971-983.	1.4	15
50	A comparison between simultaneous saccharification and fermentation and separate hydrolysis and fermentation using steam-pretreated corn stover. <i>Process Biochemistry</i> , 2007, 42, 834-839.	1.8	290
51	Comparison of Diafiltration and Size-Exclusion Chromatography to Recover Hemicelluloses From Process Water From Thermomechanical Pulping of Spruce. , 2007, , 971-983.		1
52	Simultaneous saccharification and co-fermentation of glucose and xylose in steam-pretreated corn stover at high fiber content with <i>Saccharomyces cerevisiae</i> TMB3400. <i>Journal of Biotechnology</i> , 2006, 126, 488-498.	1.9	245
53	Fuel ethanol production from steam-pretreated corn stover using SSF at higher dry matter content. <i>Biomass and Bioenergy</i> , 2006, 30, 863-869.	2.9	192
54	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.	1.6	93

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55	Bioethanol production based on simultaneous saccharification and fermentation of steam-pretreated Salix at high dry-matter content. <i>Enzyme and Microbial Technology</i> , 2006, 39, 756-762.	1.6	121
56	Steam Pretreatment of Acid-Sprayed and Acid-Soaked Barley Straw for Production of Ethanol. <i>Applied Biochemistry and Biotechnology</i> , 2006, 130, 546-562.	1.4	49
57	Determination of diffusion coefficients of proteins in stationary phases by frontal chromatography. <i>Biotechnology and Bioengineering</i> , 2006, 93, 656-664.	1.7	5
58	Steam Pretreatment of Acid-Sprayed and Acid-Soaked Barley Straw for Production of Ethanol. , 2006, , 546-562.		2
59	Ethanol production from non-starch carbohydrates of wheat bran. <i>Bioresource Technology</i> , 2005, 96, 843-850.	4.8	142
60	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.	1.6	145
61	Effect of Reduction in Yeast and Enzyme Concentrations in a Simultaneous-Saccharification-and-Fermentation-Based Bioethanol Process: Technical and Economic Evaluation. <i>Applied Biochemistry and Biotechnology</i> , 2005, 122, 0485-0500.	1.4	52
62	Optimization of Steam Pretreatment of SO ₂ -Impregnated Corn Stover for Fuel Ethanol Production. <i>Applied Biochemistry and Biotechnology</i> , 2005, 124, 1055-1068.	1.4	113
63	Steam Pretreatment of Salix with and without SO ₂ Impregnation for Production of Bioethanol. <i>Applied Biochemistry and Biotechnology</i> , 2005, 124, 1101-1118.	1.4	70
64	Pretreatment of barley husk for bioethanol production. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 85-91.	1.6	47
65	Optimization of Steam Pretreatment of SO ₂ -Impregnated Corn Stover for Fuel Ethanol Production. , 2005, , 1055-1067.		2
66	Separate versus Simultaneous Saccharification and Fermentation of Two-Step Steam Pretreated Softwood for Ethanol Production. <i>Journal of Wood Chemistry and Technology</i> , 2005, 25, 187-202.	0.9	86
67	Effect of Reduction in Yeast and Enzyme Concentrations in a Simultaneous-Saccharification-and-Fermentation-Based Bioethanol Process. , 2005, , 485-499.		8
68	Steam Pretreatment of Salix with and without SO ₂ Impregnation for Production of Bioethanol. , 2005, , 1101-1117.		0
69	Effect of Washing on Yield in One- and Two-Step Steam Pretreatment of Softwood for Production of Ethanol. <i>Biotechnology Progress</i> , 2004, 20, 744-749.	1.3	58
70	Process Considerations and Economic Evaluation of Two-Step Steam Pretreatment for Production of Fuel Ethanol from Softwood. <i>Biotechnology Progress</i> , 2004, 20, 1421-1429.	1.3	54
71	Use of Microfiltration as First Step in Recovery of Protein A From Fermentation Broth. <i>Applied Biochemistry and Biotechnology</i> , 2004, 112, 151-162.	1.4	8
72	Optimization of Steam Pretreatment of Corn Stover to Enhance Enzymatic Digestibility. <i>Applied Biochemistry and Biotechnology</i> , 2004, 114, 509-524.	1.4	98

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73	Combined Steam Pretreatment and Enzymatic Hydrolysis of Starch-Free Wheat Fibers. Applied Biochemistry and Biotechnology, 2004, 115, 0989-1002.	1.4	18
74	Adsorption of Trichoderma reesei CBH I and EG II and their catalytic domains on steam pretreated softwood and isolated lignin. Journal of Biotechnology, 2004, 107, 65-72.	1.9	424
75	Combined Steam Pretreatment and Enzymatic Hydrolysis of Starch-Free Wheat Fibers. , 2004, , 989-1002.		2
76	Optimization of Steam Pretreatment of Corn Stover to Enhance Enzymatic Digestibility. , 2004, , 509-523.		59
77	Combined Use of H ₂ SO ₄ and SO ₂ Impregnation for Steam Pretreatment of Spruce in Ethanol Production. Applied Biochemistry and Biotechnology, 2003, 105, 127-140.	1.4	36
78	Isolation and characterization of water-soluble hemicelluloses from flax shive. Carbohydrate Research, 2003, 338, 1869-1876.	1.1	55
79	The effect of Tween-20 on simultaneous saccharification and fermentation of softwood to ethanol. Enzyme and Microbial Technology, 2003, 33, 71-78.	1.6	157
80	Transmission of BSA during cross-flow microfiltration: influence of pH and salt concentration. Journal of Membrane Science, 2003, 223, 11-21.	4.1	54
81	Two-step steam pretreatment of softwood by dilute H ₂ SO ₄ impregnation for ethanol production. Biomass and Bioenergy, 2003, 24, 475-486.	2.9	164
82	Extraction of Hemicellulosic Oligosaccharides from Spruce Using Microwave Oven or Steam Treatment. Biomacromolecules, 2003, 4, 617-623.	2.6	95
83	Characterization of galactoglucomannan extracted from spruce (Picea abies) by heat-fractionation at different conditions. Carbohydrate Polymers, 2003, 51, 203-211.	5.1	93
84	Isolation and characterization of galactoglucomannan from spruce (Picea abies). Carbohydrate Polymers, 2002, 48, 29-39.	5.1	215
85	Electronic Speckle Pattern Interferometry: A Tool for Determining Diffusion and Partition Coefficients for Proteins in Gels. Biotechnology Progress, 2002, 18, 1423-1430.	1.3	39
86	Two-Step Steam Pretreatment of Softwood with SO ₂ Impregnation for Ethanol Production. Applied Biochemistry and Biotechnology, 2002, 98-100, 5-22.	1.4	87
87	Modeling Simultaneous Saccharification and Fermentation of Softwood. Applied Biochemistry and Biotechnology, 2002, 98-100, 733-746.	1.4	16
88	Recirculation of Process Streams in Fuel Ethanol Production from Softwood Based on Simultaneous Saccharification and Fermentation. Applied Biochemistry and Biotechnology, 2002, 98-100, 849-862.	1.4	25
89	Two-Step Steam Pretreatment of Softwood with SO ₂ Impregnation for Ethanol Production. , 2002, , 5-21.		3
90	Modeling Simultaneous Saccharification and Fermentation of Softwood. , 2002, , 733-746.		2

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91	Recirculation of Process Streams in Fuel Ethanol Production from Softwood Based on Simultaneous Saccharification and Fermentation. , 2002, , 849-861.		2
92	Reduced inhibition of enzymatic hydrolysis of steam-pretreated softwood. Enzyme and Microbial Technology, 2001, 28, 835-844.	1.6	214
93	Separation of lactic acid-producing bacteria from fermentation broth using a ceramic microfiltration membrane with constant permeate flow. Biotechnology and Bioengineering, 2001, 72, 269-277.	1.7	50
94	Conversion of Sodium Lactate to Lactic Acid with Water-Splitting Electrodialysis. Applied Biochemistry and Biotechnology, 2001, 94, 197-212.	1.4	10
95	Light deflection and convection in diffusion experiments using holographic interferometry. Journal Physics D: Applied Physics, 2001, 34, 3088-3096.	1.3	15
96	Effect of substrate and cellulase concentration on simultaneous saccharification and fermentation of steam-pretreated softwood for ethanol production. , 2000, 68, 204-210.		134
97	A kinetic model for enzymatic wheat starch saccharification. Journal of Chemical Technology and Biotechnology, 2000, 75, 306-314.	1.6	34
98	Use of holographic laser interferometry to study the diffusion of polymers in gels. Biotechnology and Bioengineering, 2000, 69, 654-663.	1.7	33
99	The influence of lactic acid formation on the simultaneous saccharification and fermentation (SSF) of softwood to ethanol. Enzyme and Microbial Technology, 2000, 26, 71-79.	1.6	57
100	Cellulase Production of Trichoderma reesei Rut C 30 Using Steam-Pretreated Spruce. Applied Biochemistry and Biotechnology, 2000, 84-86, 679-692.	1.4	58
101	Simultaneous Saccharification and Fermentation of Steam-Pretreated Spruce to Ethanol. Applied Biochemistry and Biotechnology, 2000, 84-86, 69-80.	1.4	28
102	Effect of Acetic Acid and Furfural on Cellulase Production of Trichoderma reesei RUT C30. Applied Biochemistry and Biotechnology, 2000, 89, 31-42.	1.4	42
103	Cellulase Production of Trichoderma reesei Rut C 30 Using Steam-Pretreated Spruce. , 2000, , 679-691.		6
104	Simultaneous Saccharification and Fermentation of Steam-Pretreated Spruce to Ethanol. , 2000, , 69-80.		0
105	Effect of substrate and cellulase concentration on simultaneous saccharification and fermentation of steam-pretreated softwood for ethanol production. , 2000, 68, 204.		2
106	Effect of substrate and cellulase concentration on simultaneous saccharification and fermentation of steam-pretreated softwood for ethanol production. , 2000, 68, 204.		88
107	Vapour-liquid partition of volatile organic compounds in kraft black liquors. Nordic Pulp and Paper Research Journal, 2000, 15, 266-274.	0.3	0
108	The generation of fermentation inhibitors during dilute acid hydrolysis of softwood. Enzyme and Microbial Technology, 1999, 24, 151-159.	1.6	895

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109	Simulation of chromatographic processes applied to separation of proteins. Journal of Chromatography A, 1999, 846, 1-12.	1.8	46
110	Separation of Cells and Proteins from Fermentation Broth in a Shear-Enhanced Cross-Flow Ultrafiltration Module as the First Step in the Refinement of Lactic Acid. Applied Biochemistry and Biotechnology, 1999, 76, 143-158.	1.4	25
111	Optimisation of steam pretreatment of SO ₂ -impregnated mixed softwoods for ethanol production. Journal of Chemical Technology and Biotechnology, 1998, 71, 299-308.	1.6	142
112	Comparison of SO ₂ and H ₂ SO ₄ impregnation of softwood prior to steam pretreatment on ethanol production. Applied Biochemistry and Biotechnology, 1998, 70-72, 3-15.	1.4	144
113	Recycling of process streams in ethanol production from softwoods based on enzymatic hydrolysis. Applied Biochemistry and Biotechnology, 1998, 70-72, 697-708.	1.4	32
114	Recycling of Process Streams in Ethanol Production from Softwoods Based on Enzymatic Hydrolysis. , 1998, , 697-708.		0
115	Cellulose production based on hemicellulose hydrolysate from steam-pretreated willow. Applied Biochemistry and Biotechnology, 1997, 63-65, 351-362.	1.4	26
116	Recirculation of process water in the production of ethanol from softwood. Bioresource Technology, 1997, 60, 143-151.	4.8	50
117	Simultaneous detoxification and enzyme production of hemicellulose hydrolysates obtained after steam pretreatment. Enzyme and Microbial Technology, 1997, 20, 286-293.	1.6	131
118	Influence of experimental errors on the determination of flux control coefficients from transient metabolite concentrations. Biochemical Journal, 1996, 313, 721-727.	1.7	14
119	Ethanol from lignocellulosics: A review of the economy. Bioresource Technology, 1996, 56, 131-140.	4.8	122
120	Diffusivity measurements using holographic laser interferometry in a cubic lipid-water phase. Chemistry and Physics of Lipids, 1996, 84, 1-12.	1.5	22
121	Design and operation of a bench-scale process development unit for the production of ethanol from lignocellulosics. Bioresource Technology, 1996, 58, 171-179.	4.8	136
122	The effect of water-soluble inhibitors from steam-pretreated willow on enzymatic hydrolysis and ethanol fermentation. Enzyme and Microbial Technology, 1996, 19, 470-476.	1.6	181
123	A heterologous reductase affects the redox balance of recombinant <i>Saccharomyces cerevisiae</i> . Microbiology (United Kingdom), 1996, 142, 165-172.	0.7	42
124	A techno-economical comparison of three processes for the production of ethanol from pine. Bioresource Technology, 1995, 51, 43-52.	4.8	221
125	The influence of SO ₂ and H ₂ SO ₄ impregnation of willow prior to steam pretreatment. Bioresource Technology, 1995, 52, 225-229.	4.8	81
126	Simultaneous saccharification and fermentation of steam-pretreated willow. Enzyme and Microbial Technology, 1995, 17, 255-259.	1.6	66

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127	Cost Analysis of Ethanol Production from Willow Using Recombinant Escherichia coli. <i>Biotechnology Progress</i> , 1994, 10, 555-560.	1.3	156
128	Measurement of diffusion coefficients in gels using holographic laser interferometry. <i>Biotechnology Progress</i> , 1993, 9, 436-441.	1.3	33
129	Simulation of ethanol production processes based on enzymatic hydrolysis of lignocellulosic materials using aspen plus. <i>Applied Biochemistry and Biotechnology</i> , 1992, 34-35, 93-104.	1.4	27
130	Recovery of cellulases after hydrolysis by adsorption on steam-pretreated willow. <i>Applied Biochemistry and Biotechnology</i> , 1992, 34-35, 105-113.	1.4	9
131	Performance of batch and continuous reactors with coimmobilized yeast and β -galactosidase. <i>Journal of Chemical Technology and Biotechnology</i> , 1991, 52, 227-241.	1.6	18
132	Simulation of batch and continuous reactors with coimmobilized yeast and β -galactosidase. <i>Journal of Chemical Technology and Biotechnology</i> , 1991, 52, 481-497.	1.6	3
133	Adsorption of cellulases on steam-pretreated willow. <i>Applied Biochemistry and Biotechnology</i> , 1990, 24-25, 87-101.	1.4	10
134	Optimization of temperature and enzyme concentration in the enzymatic saccharification of steam-pretreated willow. <i>Enzyme and Microbial Technology</i> , 1990, 12, 225-228.	1.6	65
135	Economic evaluation of enzymatic hydrolysis of phenol-pretreated wheat straw. <i>Biotechnology and Bioengineering</i> , 1988, 32, 460-466.	1.7	43
136	Two-Stage Steam Pretreatment of Willow for Increased Pentose Yield. <i>Journal of Wood Chemistry and Technology</i> , 1988, 8, 379-392.	0.9	20