

Harvey W Blanch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10533637/publications.pdf>

Version: 2024-02-01

140
papers

11,715
citations

23567

58
h-index

27406

106
g-index

142
all docs

142
docs citations

142
times ranked

10529
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering Cel7A carbohydrate binding module and linker for reduced lignin inhibition. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1369-1374.	3.3	42
2	Co-production of acetone and ethanol with molar ratio control enables production of improved gasoline or jet fuel blends. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2079-2087.	3.3	11
3	Engineering ionic liquid-tolerant cellulases for biofuels production. <i>Protein Engineering, Design and Selection</i> , 2016, 29, 117-122.	2.1	29
4	Evaluating endoglucanase Cel7B-lignin interaction mechanisms and kinetics using quartz crystal microgravimetry. <i>Biotechnology and Bioengineering</i> , 2015, 112, 2256-2266.	3.3	23
5	Renewable fuels from biomass: Technical hurdles and economic assessment of biological routes. <i>AIChE Journal</i> , 2015, 61, 2689-2701.	3.6	63
6	Production of an acetone-butanol-ethanol mixture from <i>Clostridium acetobutylicum</i> and its conversion to high-value biofuels. <i>Nature Protocols</i> , 2015, 10, 528-537.	12.0	77
7	Mutagenesis of <i>Trichoderma reesei</i> endoglucanase I: impact of expression host on activity and stability at elevated temperatures. <i>BMC Biotechnology</i> , 2015, 15, 11.	3.3	56
8	Structural Insights into the Affinity of Cel7A Carbohydrate-binding Module for Lignin. <i>Journal of Biological Chemistry</i> , 2015, 290, 22818-22826.	3.4	62
9	Development of a Native <i>Escherichia coli</i> Induction System for Ionic Liquid Tolerance. <i>PLoS ONE</i> , 2014, 9, e101115.	2.5	31
10	Chemocatalytic Upgrading of Tailored Fermentation Products Toward Biodiesel. <i>ChemSusChem</i> , 2014, 7, 2445-2448.	6.8	54
11	Engineering <i>Clostridium acetobutylicum</i> for production of kerosene and diesel blendstock precursors. <i>Metabolic Engineering</i> , 2014, 25, 124-130.	7.0	31
12	Understanding cost drivers and economic potential of two variants of ionic liquid pretreatment for cellulosic biofuel production. <i>Biotechnology for Biofuels</i> , 2014, 7, 86.	6.2	120
13	Lignocellulosic ethanol production without enzymes – Technoeconomic analysis of ionic liquid pretreatment followed by acidolysis. <i>Bioresource Technology</i> , 2014, 158, 294-299.	9.6	33
14	Survival of the fittest: An economic perspective on the production of novel biofuels. <i>AIChE Journal</i> , 2013, 59, 4454-4460.	3.6	13
15	Integration of chemical catalysis with extractive fermentation to produce fuels. <i>Nature</i> , 2012, 491, 235-239.	27.8	327
16	Initial- and Processive-Cut Products Reveal Cellobiohydrolase Rate Limitations and the Role of Companion Enzymes. <i>Biochemistry</i> , 2012, 51, 442-452.	2.5	93
17	A model for optimizing the enzymatic hydrolysis of ionic liquid-pretreated lignocellulose. <i>Bioresource Technology</i> , 2012, 126, 290-297.	9.6	21
18	Bioprocessing for biofuels. <i>Current Opinion in Biotechnology</i> , 2012, 23, 390-395.	6.6	71

#	ARTICLE	IF	CITATIONS
19	Escherichia coli for biofuel production: bridging the gap from promise to practice. Trends in Biotechnology, 2012, 30, 538-545.	9.3	86
20	Delignification of Miscanthus by Extraction. Separation Science and Technology, 2012, 47, 370-376.	2.5	9
21	An evaluation of cellulose saccharification and fermentation with an engineered <i>Saccharomyces cerevisiae</i> capable of cellobiose and xylose utilization. Biotechnology Journal, 2012, 7, 361-373.	3.5	10
22	Co-production of ethanol, biogas, protein fodder and natural fertilizer in organic farming – Evaluation of a concept for a farm-scale biorefinery. Bioresource Technology, 2012, 104, 440-446.	9.6	44
23	Extraction of lignins from aqueous ionic liquid mixtures by organic solvents. Biotechnology and Bioengineering, 2012, 109, 346-352.	3.3	33
24	The challenge of enzyme cost in the production of lignocellulosic biofuels. Biotechnology and Bioengineering, 2012, 109, 1083-1087.	3.3	792
25	Green fluorescent protein as a screen for enzymatic activity in ionic liquid-aqueous systems for in situ hydrolysis of lignocellulose. Green Chemistry, 2011, 13, 3107-3110.	9.0	28
26	Redesigning Escherichia coli Metabolism for Anaerobic Production of Isobutanol. Applied and Environmental Microbiology, 2011, 77, 4894-4904.	3.1	96
27	Identification and characterization of a multidomain hyperthermophilic cellulase from an archaeal enrichment. Nature Communications, 2011, 2, 375.	12.8	163
28	Multiple Approaches To Enhance the Cultivability of Bacteria Associated with the Marine Sponge <i>Haliclona</i> (<i>gellius</i>) sp. Applied and Environmental Microbiology, 2011, 77, 2130-2140.	3.1	105
29	Biomass deconstruction to sugars. Biotechnology Journal, 2011, 6, 1086-1102.	3.5	140
30	Titelbild: High-Throughput In-Vitro Glycoside Hydrolase (HIGH) Screening for Enzyme Discovery (Angew. Chem. 47/2011). Angewandte Chemie, 2011, 123, 11205-11205.	2.0	0
31	Cover Picture: High-Throughput In-Vitro Glycoside Hydrolase (HIGH) Screening for Enzyme Discovery (Angew. Chem. Int. Ed. 47/2011). Angewandte Chemie - International Edition, 2011, 50, 11013-11013.	13.8	0
32	Ionic liquid pretreatment of cellulosic biomass: Enzymatic hydrolysis and ionic liquid recycle. Biotechnology and Bioengineering, 2011, 108, 511-520.	3.3	282
33	A mechanistic model for rational design of optimal cellulase mixtures. Biotechnology and Bioengineering, 2011, 108, 2561-2570.	3.3	37
34	Techno-economic analysis of a lignocellulosic ethanol biorefinery with ionic liquid pretreatment. Biofuels, Bioproducts and Biorefining, 2011, 5, 562-569.	3.7	303
35	Role of Alcohols in Growth, Lipid Composition, and Membrane Fluidity of Yeasts, Bacteria, and Archaea. Applied and Environmental Microbiology, 2011, 77, 6400-6408.	3.1	174
36	Spatial distribution of bacteria associated with the marine sponge <i>Tethya californiana</i> . Marine Biology, 2010, 157, 627-638.	1.5	30

#	ARTICLE	IF	CITATIONS
37	Recovery of Sugars from Ionic Liquid Biomass Liquor by Solvent Extraction. <i>Bioenergy Research</i> , 2010, 3, 123-133.	3.9	112
38	Elucidating mechanisms of solvent toxicity in ethanologenic <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2010, 106, 721-730.	3.3	16
39	A mechanistic model of the enzymatic hydrolysis of cellulose. <i>Biotechnology and Bioengineering</i> , 2010, 107, 37-51.	3.3	129
40	Technoeconomic analysis of biofuels: A wiki-based platform for lignocellulosic biorefineries. <i>Biomass and Bioenergy</i> , 2010, 34, 1914-1921.	5.7	153
41	Ionic liquid tolerant hyperthermophilic cellulases for biomass pretreatment and hydrolysis. <i>Green Chemistry</i> , 2010, 12, 338.	9.0	211
42	Biological Characterisation of <i>Haliclona</i> (<i>?gellius</i>) sp.: Sponge and Associated Microorganisms. <i>Microbial Ecology</i> , 2009, 58, 903-920.	2.8	52
43	Metabolic and Morphological Differences between Rapidly Proliferating Cancerous and Normal Breast Epithelial Cells. <i>Biotechnology Progress</i> , 2008, 24, 334-341.	2.6	52
44	Next-generation biomass feedstocks for biofuel production. <i>Genome Biology</i> , 2008, 9, 242.	9.6	144
45	Addressing the Need for Alternative Transportation Fuels: The Joint BioEnergy Institute. <i>ACS Chemical Biology</i> , 2008, 3, 17-20.	3.4	44
46	Kinetics of Adsorption and Proteolytic Cleavage of a Multilayer Ovalbumin Film by Subtilisin Carlsberg. <i>Langmuir</i> , 2008, 24, 7388-7393.	3.5	15
47	Optimal design of metabolic flux analysis experiments for anchorage-dependent mammalian cells using a cellular automaton model. <i>Biotechnology and Bioengineering</i> , 2007, 98, 221-229.	3.3	1
48	Estradiol stimulates the biosynthetic pathways of breast cancer cells: Detection by metabolic flux analysis. <i>Metabolic Engineering</i> , 2006, 8, 639-652.	7.0	88
49	Interactions of lysozyme in guanidinium chloride solutions from static and dynamic light-scattering measurements. <i>Biotechnology and Bioengineering</i> , 2005, 90, 482-490.	3.3	78
50	Temperature-Dependent Solvent Disruption of Guanidinium-1,5-Naphthalenedisulfonate Networks Yields a One-Dimensional Pore Structure. <i>Crystal Growth and Design</i> , 2005, 5, 1135-1144.	3.0	17
51	Chromatographic measurement of interactions between unlike proteins. <i>Fluid Phase Equilibria</i> , 2004, 219, 139-148.	2.5	23
52	Effect of alcohols on aqueous lysozyme-lysozyme interactions from static light-scattering measurements. <i>Biophysical Chemistry</i> , 2004, 107, 289-298.	2.8	76
53	Measurement of Lysozyme-Lysozyme Interactions with Quantitative Affinity Chromatography. <i>Journal of Physical Chemistry B</i> , 2004, 108, 7437-7444.	2.6	27
54	The Hydrodynamics of DNA Electrophoretic Stretch and Relaxation in a Polymer Solution. <i>Biophysical Journal</i> , 2004, 87, 468-475.	0.5	16

#	ARTICLE	IF	CITATIONS
55	Amyloid Fibril Formation by Peptide LYS (11-36) in Aqueous Trifluoroethanol. <i>Biomacromolecules</i> , 2004, 5, 1818-1823.	5.4	42
56	Dilatational Rheology of BSA Conformers at the Air/Water Interface. <i>Langmuir</i> , 2003, 19, 2349-2356.	3.5	199
57	Surface Forces and Drainage Kinetics of Protein-Stabilized Aqueous Films. <i>Langmuir</i> , 2003, 19, 7503-7513.	3.5	53
58	Direct Imaging of Lysozyme Adsorption onto Mica by Atomic Force Microscopy. <i>Langmuir</i> , 2002, 18, 5841-5850.	3.5	158
59	Molecular thermodynamics for fluid-phase equilibria in aqueous two-protein systems. <i>AIChE Journal</i> , 2002, 48, 1292-1300.	3.6	15
60	A kinetic model for enzyme interfacial activity and stability: pa-hydroxynitrile lyase at the diisopropyl ether/water interface. <i>Biotechnology and Bioengineering</i> , 2002, 78, 595-605.	3.3	23
61	Identification of potential fermentation inhibitors in conversion of hybrid poplar hydrolyzate to ethanol. <i>Biomass and Bioenergy</i> , 2002, 22, 125-138.	5.7	177
62	Role of organic solvents on Pa-hydroxynitrile lyase interfacial activity and stability. <i>Biotechnology and Bioengineering</i> , 2001, 74, 18-28.	3.3	30
63	Using isotopomer path tracing to quantify metabolic fluxes in pathway models containing reversible reactions. <i>Biotechnology and Bioengineering</i> , 2001, 74, 196-211.	3.3	34
64	Physiology and xanthophyll cycle activity of <i>Nannochloropsis gaditana</i> . <i>Biotechnology and Bioengineering</i> , 2001, 75, 1-12.	3.3	41
65	Capillary electrophoresis of DNA in uncrosslinked polymer solutions: Evidence for a new mechanism of DNA separation. , 2000, 52, 259-270.		22
66	Bio-desulfurization of dibenzothiophene in <i>Escherichia coli</i> is enhanced by expression of a <i>Vibrio harveyi</i> oxidoreductase gene. <i>Biotechnology and Bioengineering</i> , 2000, 67, 72-79.	3.3	64
67	Bio-desulfurization of dibenzothiophene in <i>Escherichia coli</i> is enhanced by expression of a <i>Vibrio harveyi</i> oxidoreductase gene. <i>Biotechnology and Bioengineering</i> , 2000, 67, 72.	3.3	1
68	Analysis of Metabolic Fluxes in Mammalian Cells. , 2000, , 556-594.		3
69	Hydroxynitrile lyase at the diisopropyl ether/water interface: Evidence for interfacial enzyme activity. <i>Biotechnology and Bioengineering</i> , 1999, 65, 425-436.	3.3	33
70	Lysozyme Net Charge and Ion Binding in Concentrated Aqueous Electrolyte Solutions. <i>Journal of Physical Chemistry B</i> , 1999, 103, 1368-1374.	2.6	241
71	A theory for the electrophoretic separation of DNA in polymer solutions. <i>Electrophoresis</i> , 1998, 19, 3128-3136.	2.4	27
72	High-frequency alternating-crossed-field gel electrophoresis with neutral or slightly charged interpenetrating networks to improve DNA separation. <i>Electrophoresis</i> , 1998, 19, 3137-3148.	2.4	4

#	ARTICLE	IF	CITATIONS
73	Effect of extracellular glutamine concentration on primary and secondary metabolism of a murine hybridoma: An in vivo ¹³ C nuclear magnetic resonance study. <i>Biotechnology and Bioengineering</i> , 1998, 57, 172-186.	3.3	28
74	Total Internal Reflection Fluorescence Spectrometer To Study Dynamic Adsorption Phenomena at Liquid/Liquid Interfaces. <i>Industrial & Engineering Chemistry Research</i> , 1998, 37, 3159-3168.	3.7	24
75	Capillary electrophoresis of DNA restriction fragments: Effect of polymer properties. <i>Electrophoresis</i> , 1997, 18, 1994-1997.	2.4	17
76	Polymeric separation media for capillary electrophoresis of nucleic acids. <i>Electrophoresis</i> , 1997, 18, 2243-2254.	2.4	69
77	Capillary Electrophoretic Separation of DNA Restriction Fragments in Mixtures of Low- and High-Molecular-Weight Hydroxyethylcellulose. <i>Industrial & Engineering Chemistry Research</i> , 1996, 35, 2900-2908.	3.7	30
78	Partitioning of hexavalent chromium in temperature-sensitive, polyelectrolyte hydrogels. <i>Polymer Gels and Networks</i> , 1996, 4, 269-300.	0.6	6
79	Partitioning of proteins and small biomolecules in temperature- and pH-sensitive hydrogels. <i>Polymer</i> , 1996, 37, 2151-2164.	3.8	64
80	The effects of polymer properties on DNA separations by capillary electrophoresis in uncross-linked polymer solutions. <i>Electrophoresis</i> , 1996, 17, 744-757.	2.4	125
81	Phase equilibria for aqueous protein/polyelectrolyte gel systems. <i>AIChE Journal</i> , 1996, 42, 2335-2353.	3.6	15
82	Characterization of size-exclusion effects in highly swollen hydrogels: Correlation and prediction. <i>Journal of Applied Polymer Science</i> , 1996, 59, 1337-1346.	2.6	23
83	Sorption of lysozyme by HEMA copolymer hydrogels. <i>Journal of Applied Polymer Science</i> , 1996, 60, 225-234.	2.6	12
84	Salt-induced protein precipitation: Phase equilibria from an equation of state. <i>Fluid Phase Equilibria</i> , 1996, 116, 140-147.	2.5	54
85	Synthesis and characterization of polyamides containing unnatural amino acids. <i>Biopolymers</i> , 1995, 35, 503-512.	2.4	19
86	The use of coated and uncoated capillaries for the electrophoretic separation of DNA in dilute polymer solutions. <i>Electrophoresis</i> , 1995, 16, 64-74.	2.4	80
87	Pore-size distributions of cationic 2-hydroxyethyl methacrylate (HEMA) hydrogels. <i>Polymer Gels and Networks</i> , 1995, 3, 29-45.	0.6	12
88	Popcorn-polymer formation during hydrogel synthesis. <i>Polymer Gels and Networks</i> , 1995, 3, 47-58.	0.6	1
89	Swelling properties of acrylamide-based ampholytic hydrogels: comparison of experiment with theory. <i>Polymer</i> , 1995, 36, 1061-1069.	3.8	140
90	DNA Separations by Slab Gel, and Capillary Electrophoresis: Theory and Practice. <i>Separation and Purification Reviews</i> , 1995, 24, 1-118.	0.8	50

#	ARTICLE	IF	CITATIONS
91	Enzymatic Oligomerization of the Tetrapeptide Ester Allylglycine-Phenylalanine-Phenylalanine-Allylglycine Ethyl Ester. <i>Biocatalysis and Biotransformation</i> , 1995, 13, 131-139.	2.0	2
92	Pore-size distributions of cationic polyacrylamide hydrogels of different compositions maintained at the same swelling capacity. <i>Journal of Macromolecular Science - Physics</i> , 1994, 33, 267-286.	1.0	6
93	A transient entanglement coupling mechanism for DNA separation by capillary electrophoresis in ultradilute polymer solutions. <i>Electrophoresis</i> , 1994, 15, 597-615.	2.4	212
94	Equilibrium swelling properties of weakly ionizable 2-hydroxyethyl methacrylate (HEMA)-based hydrogels. <i>Journal of Applied Polymer Science</i> , 1994, 52, 783-788.	2.6	29
95	Quantitative in vivo nuclear magnetic resonance studies of hybridoma metabolism. <i>Biotechnology and Bioengineering</i> , 1994, 43, 1059-1074.	3.3	86
96	Examination of primary metabolic pathways in a murine hybridoma with carbon-13 nuclear magnetic resonance spectroscopy. <i>Biotechnology and Bioengineering</i> , 1994, 44, 563-585.	3.3	98
97	Capillary electrophoresis of DNA in uncross-linked polymer solutions. <i>Journal of Chromatography A</i> , 1993, 652, 3-16.	3.7	220
98	Monte Carlo simulations of hydrophobic weak polyelectrolytes: Titration properties and pH-induced structural transitions for polymers containing weak electrolytes. <i>Journal of Chemical Physics</i> , 1992, 97, 8767-8774.	3.0	44
99	Swelling equilibria for acrylamide-based polyampholyte hydrogels. <i>Macromolecules</i> , 1992, 25, 1955-1958.	4.8	130
100	Functional differentiation and primary metabolism of mouse mammary epithelial cells in extended-batch and hollow-fiber culture. <i>Biotechnology and Bioengineering</i> , 1992, 40, 672-680.	3.3	0
101	Some characteristics of protein precipitation by salts. <i>Biotechnology and Bioengineering</i> , 1992, 40, 1155-1164.	3.3	135
102	Buffer effects on aqueous swelling kinetics of polyelectrolyte gels. <i>Journal of Applied Polymer Science</i> , 1992, 45, 1411-1423.	2.6	36
103	Swelling equilibria for weakly ionizable, temperature-sensitive hydrogels. <i>Macromolecules</i> , 1991, 24, 549-551.	4.8	193
104	Enzyme-catalyzed interesterification of triglycerides in supercritical carbon dioxide. <i>Industrial & Engineering Chemistry Research</i> , 1991, 30, 939-946.	3.7	84
105	Regulation of Animal Cell Metabolism in Bioreactors. , 1991, 17, 119-161.		20
106	Kinetics of lipase-catalysed interesterification of triglycerides in cyclohexane. <i>Enzyme and Microbial Technology</i> , 1991, 13, 98-103.	3.2	86
107	Inhibition of dextranucrase by D-Glucose derivatives. <i>Applied Biochemistry and Biotechnology</i> , 1991, 31, 237-246.	2.9	8
108	Papain kinetics in the presence of a water-miscible organic solvent. <i>Biotechnology and Bioengineering</i> , 1991, 37, 967-972.	3.3	35

#	ARTICLE	IF	CITATIONS
109	A Nuclear Magnetic Resonance Technique for Determining Hybridoma Cell Concentration in Hollow Fiber Bioreactors. <i>Nature Biotechnology</i> , 1990, 8, 1282-1285.	17.5	36
110	Swelling equilibria for positively ionized polyacrylamide hydrogels. <i>Macromolecules</i> , 1990, 23, 1096-1104.	4.8	227
111	Transition electrolyte concentrations for bubble coalescence. <i>AIChE Journal</i> , 1990, 36, 1425-1429.	3.6	124
112	Bubble coalescence and break-up in air-sparged bubble columns. <i>AIChE Journal</i> , 1990, 36, 1485-1499.	3.6	1,005
113	Swelling equilibria for ionized temperature-sensitive gels in water and in aqueous salt solutions. <i>Journal of Chemical Physics</i> , 1990, 92, 2061-2066.	3.0	98
114	Kinetics of Encapsulated Yeast Alcohol Dehydrogenase Dispersed in an Organic Solvent. <i>Biocatalysis</i> , 1990, 4, 113-139.	0.9	3
115	Nuclear Magnetic Resonance Methods for Observing the Intracellular Environment of Mammalian Cells. <i>Annals of the New York Academy of Sciences</i> , 1990, 589, 458-475.	3.8	28
116	Monte Carlo simulations of hydrophobic polyelectrolytes. Evidence for a structural transition in response to increasing chain ionization. <i>Journal of Chemical Physics</i> , 1990, 93, 2715-2723.	3.0	32
117	Mass Transfer and Cholesterol Oxidase Kinetics in a Liquid-Liquid Two-Phase System. <i>Biocatalysis</i> , 1989, 2, 97-120.	0.9	9
118	A Novel Optical Method for the Measurement of Biomolecular Diffusion in Polymer Matrices. <i>Biotechnology Progress</i> , 1989, 5, 126-131.	2.6	2
119	Transient responses of hybridoma cells to nutrient additions in continuous culture: I. Glucose pulse and step changes. <i>Biotechnology and Bioengineering</i> , 1989, 33, 477-486.	3.3	116
120	The transient responses of hybridoma cells to nutrient additions in continuous culture: II. Glutamine pulse and step changes. <i>Biotechnology and Bioengineering</i> , 1989, 33, 487-499.	3.3	97
121	A bio-mimetic cadmium adsorbent: Design, synthesis, and characterization. <i>Biotechnology and Bioengineering</i> , 1989, 34, 180-188.	3.3	30
122	Molecular thermodynamics of aqueous two-phase systems for bioseparations. <i>AIChE Journal</i> , 1988, 34, 1585-1594.	3.6	205
123	Design and mathematical description of differential contactors used in extractive fermentations. <i>Biotechnology and Bioengineering</i> , 1988, 32, 192-204.	3.3	9
124	Effects of dissolved oxygen concentration on hybridoma growth and metabolism in continuous culture. <i>Journal of Cellular Physiology</i> , 1987, 132, 524-530.	4.1	184
125	BUBBLE COALESCENCE IN STAGNANT LIQUIDS. <i>Chemical Engineering Communications</i> , 1986, 43, 237-261.	2.6	168
126	Regulation of Sugar Metabolism in <i>Saccharomyces</i> -Type Yeast: Experimental and Conceptual Considerations. <i>Critical Reviews in Biotechnology</i> , 1986, 4, 299-325.	9.0	33

#	ARTICLE	IF	CITATIONS
127	Bubble coalescence in air-sparged bioreactors. <i>Biotechnology and Bioengineering</i> , 1986, 28, 578-584.	3.3	36
128	Polymer biocompatibility?effect on hybridoma growth and metabolism. <i>Biotechnology Letters</i> , 1986, 8, 463-468.	2.2	9
129	Continuous production of lactic acid in a cell recycle reactor. <i>Applied Biochemistry and Biotechnology</i> , 1985, 11, 317-332.	2.9	72
130	Continuous production of lactic acid from glucose and lactose in a cell-recycle reactor. <i>Applied Biochemistry and Biotechnology</i> , 1985, 11, 457-463.	2.9	45
131	Kinetics of the enzymatic hydrolysis of cellulose. <i>Biotechnology and Bioengineering</i> , 1984, 26, 221-230.	3.3	131
132	Enhanced cellulase production in fed-batch culture of <i>Trichoderma reesei</i> C30. <i>Enzyme and Microbial Technology</i> , 1984, 6, 73-77.	3.2	99
133	Lactase production in continuous culture by <i>Trichoderma reesei</i> Rut-C30. <i>Biotechnology Letters</i> , 1984, 6, 593-596.	2.2	14
134	Immobilized Microbial Cells. <i>Plant, Cell and Environment</i> , 1984, 7, 81-105.	5.7	16
135	By-product inhibition effects on ethanolic fermentation by <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 1983, 25, 103-121.	3.3	338
136	The half-saturation coefficient for dissolved oxygen: A dynamic method for its determination and its effect on dual species competition. <i>Biotechnology and Bioengineering</i> , 1983, 25, 403-416.	3.3	43
137	LIQUID CIRCULATION PATTERNS AND THEIR EFFECT ON GAS HOLD-UP AND AXIAL MIXING IN BUBBLE COLUMNS. <i>Chemical Engineering Communications</i> , 1983, 19, 243-262.	2.6	59
138	Lactic acid production by <i>Lactobacillus delbreuckii</i> in a hollow fiber fermenter. <i>Biotechnology Letters</i> , 1982, 4, 483-488.	2.2	100
139	INVITED REVIEW MICROBIAL GROWTH KINETICS. <i>Chemical Engineering Communications</i> , 1981, 8, 181-211.	2.6	27
140	Enhanced production of cellulase, hemicellulase, and β -glucosidase by <i>Trichoderma reesei</i> (Rut C-30). <i>Biotechnology and Bioengineering</i> , 1981, 23, 1837-1849.	3.3	210