Rajni Hatti-Kaul

List of Publications by Year
in descending order

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147	6,644	53939	87275
papers	citations	47	74
		h-index	g-index

152	152	152	7798
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fractionation of sugar beet pulp polysaccharides into component sugars and pre-feasibility analysis for further valorisation. Biomass Conversion and Biorefinery, 2024, 14, 3575-3588.	2.9	3
2	Effect of membrane purification and concentration of sucrose in sugar beet molasses for the production of 5-hydroxymethylfurfural. Chemical Engineering Research and Design, 2022, 179, 365-373.	2.7	5
3	Reviewing a plethora of oxidative-type reactions catalyzed by whole cells ofStreptomycesspecies. RSC Advances, 2022, 12, 6974-7001.	1.7	4
4	Oxidation of 5â€hydroxymethylfurfural with a novel aryl alcohol oxidase from Mycobacterium sp. MS1601. Microbial Biotechnology, 2022, 15, 2176-2190.	2.0	3
5	Exopolysaccharides Production by Cultivating a Bacterial Isolate from the Hypersaline Environment of Salar de Uyuni (Bolivia) in Pretreatment Liquids of Steam-Exploded Quinoa Stalks and Enzymatic Hydrolysates of CurupaÃº Sawdust. Fermentation, 2021, 7, 33.	1.4	19
6	Metabolic potential of the moderate halophile Yangia sp. ND199 for coâ€production of polyhydroxyalkanoates and exopolysaccharides. MicrobiologyOpen, 2021, 10, e1160.	1.2	10
7	Draft Genome Sequence of Limnospira sp. Strain BM01, Isolated from a Hypersaline Lake of the Momela Ecosystem in Tanzania. Microbiology Resource Announcements, 2021, 10, .	0.3	1
8	Enhanced Protocatechuic Acid Production From Glucose Using Pseudomonas putida 3-Dehydroshikimate Dehydratase Expressed in a Phenylalanine-Overproducing Mutant of Escherichia coli. Frontiers in Bioengineering and Biotechnology, 2021, 9, 695704.	2.0	11
9	Photoelectrochemical Oxidation in Ambient Conditions Using Earth-Abundant Hematite Anode: A Green Route for the Synthesis of Biobased Polymer Building Blocks. Catalysts, 2021, 11, 969.	1.6	4
10	Propionic acid production from glycerol in immobilized cell bioreactor using an acid-tolerant strain of Propionibacterium acidipropionici obtained by adaptive evolution. Process Biochemistry, 2021, 110, 223-230.	1.8	7
11	Polyhydroxyalkanoate production from rice straw hydrolysate obtained by alkaline pretreatment and enzymatic hydrolysis using Bacillus strains isolated from decomposing straw. Bioresources and Bioprocessing, 2021, 8, .	2.0	13
12	Designing Biobased Recyclable Polymers for Plastics. Trends in Biotechnology, 2020, 38, 50-67.	4.9	185
13	Comparative Structural Analysis of Different Mycobacteriophage-Derived Mycolylarabinogalactan Esterases (Lysin B). Biomolecules, 2020, 10, 45.	1.8	2
14	5-Hydroxymethylfurfural from fructose: an efficient continuous process in a water-dimethyl carbonate biphasic system with high yield product recovery. Green Chemistry, 2020, 22, 5402-5413.	4.6	52
15	Omics for Bioprospecting and Drug Discovery from Bacteria and Microalgae. Antibiotics, 2020, 9, 229.	1.5	33
16	Clean Production of Levulinic Acid from Fructose and Glucose in Salt Water by Heterogeneous Catalytic Dehydration. ACS Omega, 2020, 5, 14275-14282.	1.6	51
17	Exploring the Enzymatic and Antibacterial Activities of Novel Mycobacteriophage Lysin B Enzymes. International Journal of Molecular Sciences, 2020, 21, 3176.	1.8	14
18	A sustainable synthetic route for biobased 6-hydroxyhexanoic acid, adipic acid and Îµ-caprolactone by integrating bio- and chemical catalysis. Green Chemistry, 2020, 22, 4450-4455.	4.6	29

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19	Selective Oxidation of 5-Hydroxymethylfurfural to 5-Hydroxymethyl-2-furancarboxylic Acid Using Gluconobacter oxydans. ACS Sustainable Chemistry and Engineering, 2019, 7, 4406-4413.	3.2	54
20	Stress induced biofilm formation in Propionibacterium acidipropionici and use in propionic acid production. World Journal of Microbiology and Biotechnology, 2019, 35, 101.	1.7	18
21	Batch and Continuous Flow Production of 5-Hydroxymethylfurfural from a High Concentration of Fructose Using an Acidic Ion Exchange Catalyst. Organic Process Research and Development, 2019, 23, 952-960.	1.3	29
22	A rigid spirocyclic diol from fructose-based 5-hydroxymethylfurfural: synthesis, life-cycle assessment, and polymerization for renewable polyesters and poly(urethane-urea)s. Green Chemistry, 2019, 21, 6667-6684.	4.6	50
23	Lactobacillus reuteri NAD(P)H oxidase: Properties and coexpression with propanediol-utilization enzymes for enhancing 3-hydroxypropionic acid production from 3-hydroxypropionaldehyde. Journal of Biotechnology, 2019, 289, 135-143.	1.9	11
24	Hydrogen and polyhydroxybutyrate production from wheat straw hydrolysate using Caldicellulosiruptor species and Ralstonia eutropha in a coupled process. Bioresource Technology, 2019, 272, 259-266.	4.8	47
25	EPS production by Propionibacterium freudenreichii facilitates its immobilization for propionic acid production. Journal of Applied Microbiology, 2018, 125, 480-489.	1.4	10
26	Cell immobilization on 3D-printed matrices: A model study on propionic acid fermentation. Bioresource Technology, 2018, 249, 777-782.	4.8	37
27	Lactic acid bacteria: from starter cultures to producers of chemicals. FEMS Microbiology Letters, 2018, 365, .	0.7	136
28	Conversion of rice husks to polyhydroxyalkanoates (<scp>PHA</scp>) via a threeâ€step process: optimized alkaline pretreatment, enzymatic hydrolysis, and biosynthesis by Burkholderia cepacia <scp>USM</scp> (<scp>JCM</scp> 15050). Journal of Chemical Technology and Biotechnology, 2017, 92, 100-108.	1.6	69
29	Complete Genome Sequence of Mycobacterium sp. MS1601, a Bacterium Performing Selective Oxidation of Polyols. Genome Announcements, 2017, 5, .	0.8	2
30	Dimethyl carbonate as a green chemical. Current Opinion in Green and Sustainable Chemistry, 2017, 5, 61-66.	3.2	129
31	Immobilization to Positively Charged Cellulose Nanocrystals Enhances the Antibacterial Activity and Stability of Hen Egg White and T4 Lysozyme. Biomacromolecules, 2017, 18, 1600-1608.	2.6	51
32	Enhancing the Activity of a Dietzia sp. D5 Baeyerâ€Villiger Monooxygenase towards Cyclohexanone by Saturation Mutagenesis. ChemistrySelect, 2017, 2, 7169-7177.	0.7	7
33	Crosslinked, cryostructured Lactobacillus reuteri monoliths for production of 3-hydroxypropionaldehyde, 3-hydroxypropionic acid and 1,3-propanediol from glycerol. Journal of Biotechnology, 2017, 241, 22-32.	1.9	21
34	Sixâ€membered cyclic carbonates from trimethylolpropane: Lipaseâ€mediated synthesis in a flow reactor and in silico evaluation of the reaction. Biotechnology Progress, 2017, 33, 375-382.	1.3	8
35	Exploring Lactobacillus reuteri DSM20016 as a biocatalyst for transformation of longer chain 1,2-diols: Limits with microcompartment. PLoS ONE, 2017, 12, e0185734.	1.1	13
36	Antimicrobial Protein Candidates from the Thermophilic Geobacillus sp. Strain ZGt-1: Production, Proteomics, and Bioinformatics Analysis. International Journal of Molecular Sciences, 2016, 17, 1363.	1.8	23

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37	T4 lysozyme fused with cellulose-binding module for antimicrobial cellulosic wound dressing materials. Journal of Applied Microbiology, 2016, 121, 115-125.	1.4	33
38	Anaerobes in Industrial- and Environmental Biotechnology. Advances in Biochemical Engineering/Biotechnology, 2016, 156, 1-33.	0.6	12
39	Chlorineâ€Free Synthesis of Organic Alkyl Carbonates and Fiveâ€and Sixâ€Membered Cyclic Carbonates. Advanced Synthesis and Catalysis, 2016, 358, 834-839.	2.1	28
40	Response surface methodology and artificial neural network modelling of an aqueous two-phase system for purification of a recombinant alkaline active xylanase. Process Biochemistry, 2016, 51, 452-462.	1.8	31
41	Redox Balance in Lactobacillus reuteri DSM20016: Roles of Iron-Dependent Alcohol Dehydrogenases in Glucose/ Glycerol Metabolism. PLoS ONE, 2016, 11, e0168107.	1.1	22
42	A Biâ€enzymatic Convergent Cascade for Îµâ€Caprolactone Synthesis Employing 1,6â€Hexanediol as a â€˜Doubleâ€Smart Cosubstrateâ€™. ChemCatChem, 2015, 7, 2442-2445.	1.8	55
43	Effect of Natural and Semisynthetic Pseudoguianolides on the Stability of NF-ÎºB:DNA Complex Studied by Agarose Gel Electrophoresis. PLoS ONE, 2015, 10, e0115819.	1.1	11
44	Bio-based 3-hydroxypropionic- and acrylic acid production from biodiesel glycerol via integrated microbial and chemical catalysis. Microbial Cell Factories, 2015, 14, 200.	1.9	74
45	Genome Sequence of Geobacillus sp. Strain ZGt-1, an Antibacterial Peptide-Producing Bacterium from Hot Springs in Jordan. Genome Announcements, 2015, 3, .	0.8	8
46	Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate) Production by a Moderate Halophile Yangia sp. ND199 Using Glycerol as a Carbon Source. Applied Biochemistry and Biotechnology, 2015, 175, 3120-3132.	1.4	25
47	Efficient poly(3-hydroxypropionate) production from glycerol using Lactobacillus reuteri and recombinant Escherichia coli harboring L. reuteri propionaldehyde dehydrogenase and Chromobacterium sp. PHA synthase genes. Bioresource Technology, 2015, 180, 172-176.	4.8	14
48	Production of 3-hydroxypropionic acid from 3-hydroxypropionaldehyde by recombinant Escherichia coli co-expressing Lactobacillus reuteri propanediol utilization enzymes. Bioresource Technology, 2015, 180, 214-221.	4.8	17
49	Rational mutagenesis of pig liver esterase (PLE-1) to resolve racemic clopidogrel. Journal of Molecular Catalysis B: Enzymatic, 2015, 122, 156-162.	1.8	4
50	Improved propionic acid production from glycerol: Combining cyclic batch- and sequential batch fermentations with optimal nutrient composition. Bioresource Technology, 2015, 176, 80-87.	4.8	35
51	Cloning and expression of a Baeyerâ€“Villiger monooxygenase oxidizing linear aliphatic ketones from Dietzia sp. D5. Journal of Molecular Catalysis B: Enzymatic, 2014, 109, 161-169.	1.8	7
52	Baeyerâ€“Villiger Oxidation of Cyclohexanone in Aqueous Medium with In Situ Generation of Peracid Catalyzed by Perhydrolase CLEA. Topics in Catalysis, 2014, 57, 349-355.	1.3	15
53	Exploring the Substrate Specificity and Enantioselectivity of a Baeyerâ€“Villiger Monooxygenase from Dietzia sp. D5: Oxidation of Sulfides and Aldehydes. Topics in Catalysis, 2014, 57, 366-375.	1.3	30
54	Semicarbazide-functionalized resin as a new scavenger for in situ recovery of 3-hydroxypropionaldehyde during biotransformation of glycerol by Lactobacillus reuteri. Journal of Biotechnology, 2014, 192, 223-230.	1.9	9

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55	Cloning, expression and characterization of a versatile Baeyer-Villiger monooxygenase from Dietzia sp. D5. AMB Express, 2014, 4, 23.	1.4	12
56	Flux analysis of the Lactobacillus reuteri propanediol-utilization pathway for production of 3-hydroxypropionaldehyde, 3-hydroxypropionic acid and 1,3-propanediol from glycerol. Microbial Cell Factories, 2014, 13, 76.	1.9	71
57	Environmentally evaluated HPLC-ELSD method to monitor enzymatic synthesis of a non-ionic surfactant. Chemistry Central Journal, 2014, 8, 33.	2.6	10
58	Coenzyme A-acylating propionaldehyde dehydrogenase (PduP) from Lactobacillus reuteri: Kinetic characterization and molecular modeling. Enzyme and Microbial Technology, 2013, 53, 235-242.	1.6	21
59	Baeyerâ€“Villiger oxidation with peracid generated in situ by CaLB-CLEA catalyzed perhydrolysis. Journal of Molecular Catalysis B: Enzymatic, 2013, 89, 67-72.	1.8	39
60	Laccase catalysed modification of lignin subunits and coupling to p-aminobenzoic acid. Journal of Molecular Catalysis B: Enzymatic, 2013, 97, 45-53.	1.8	15
61	Ectoine-mediated protection of enzyme from the effect of pH and temperature stress: a study using Bacillus halodurans xylanase as a model. Applied Microbiology and Biotechnology, 2013, 97, 6271-6278.	1.7	36
62	Biotransformation of glycerol to 3-hydroxypropionaldehyde: Improved production by in situ complexation with bisulfite in a fed-batch mode and separation on anion exchanger. Journal of Biotechnology, 2013, 168, 534-542.	1.9	22
63	Amino Acid Oxidation of Candida antarctica Lipase B Studied by Molecular Dynamics Simulations and Site-Directed Mutagenesis. Biochemistry, 2013, 52, 1280-1289.	1.2	21
64	An economical biorefinery process for propionic acid production from glycerol and potato juice using high cell density fermentation. Bioresource Technology, 2013, 135, 504-512.	4.8	59
65	Production and properties of adhesives formulated from laccase modified Kraft lignin. Industrial Crops and Products, 2013, 45, 343-348.	2.5	62
66	Improved production of 3â€hydroxypropionaldehyde by complex formation with bisulfite during biotransformation of glycerol. Biotechnology and Bioengineering, 2013, 110, 1243-1248.	1.7	20
67	Optimization of a twoâ€step process comprising lipase catalysis and thermal cyclization improves the efficiency of synthesis of sixâ€membered cyclic carbonate from trimethylolpropane and dimethylcarbonate. Biotechnology Progress, 2013, 29, 66-73.	1.3	9
68	A new route for the synthesis of methacrylic acid from 2-methyl-1,3-propanediol by integrating biotransformation and catalytic dehydration. Green Chemistry, 2012, 14, 1942.	4.6	35
69	Batch- and continuous propionic acid production from glycerol using free and immobilized cells of Propionibacterium acidipropionici. Bioresource Technology, 2012, 118, 553-562.	4.8	75
70	Selective, Green Synthesis of Sixâ€Membered Cyclic Carbonates by Lipaseâ€Catalyzed Chemospecific Transesterification of Diols with Dimethyl Carbonate. Advanced Synthesis and Catalysis, 2012, 354, 797-802.	2.1	28
71	A method for rapid screening of ketone biotransformations: Detection of whole cell Baeyerâ€“Villiger monooxygenase activity. Enzyme and Microbial Technology, 2012, 50, 101-106.	1.6	9
72	Solvent-free lipase-mediated synthesis of six-membered cyclic carbonates from trimethylolpropane and dialkyl carbonates. Green Chemistry, 2011, 13, 976.	4.6	49

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73	Self- and Cross-Aldol Condensation of Propanal Catalyzed by Anion-Exchange Resins in Aqueous Media. Organic Process Research and Development, 2011, 15, 631-637.	1.3	19
74	HPLC-EAT (Environmental Assessment Tool): A tool for profiling safety, health and environmental impacts of liquid chromatography methods. Green Chemistry, 2011, 13, 2021.	4.6	141
75	Cyclic carbonates as monomers for phosgene- and isocyanate-free polyurethanes and polycarbonates. Pure and Applied Chemistry, 2011, 84, 637-661.	0.9	57
76	Towards a cost-effective immobilized lipase for the synthesis of specialty chemicals. Journal of Molecular Catalysis B: Enzymatic, 2011, 68, 200-205.	1.8	41
77	Laccase mediator system for activation of agarose gel: Application for immobilization of proteins. Journal of Molecular Catalysis B: Enzymatic, 2011, 68, 270-274.	1.8	7
78	Clean synthesis of biolubricants for low temperature applications using heterogeneous catalysts. Journal of Molecular Catalysis B: Enzymatic, 2011, 72, 263-269.	1.8	99
79	Biolubricant synthesis using immobilised lipase: Process optimisation of trimethylolpropane oleate production. Process Biochemistry, 2011, 46, 2225-2231.	1.8	74
80	Chemoâ€enzymatic epoxidationâ€“process options for improving biocatalytic productivity. Biotechnology Progress, 2011, 27, 67-76.	1.3	36
81	Blue laccase from Galerina sp.: Properties and potential for Kraft lignin demethylation. Process Biochemistry, 2011, 46, 379-384.	1.8	56
82	Biorefineriesâ€“ A Path to Sustainability?. Crop Science, 2010, 50, S-152.	0.8	23
83	Enzymatic synthesis of N-alkanoyl-N-methylglucamide surfactants: solvent-free production and environmental assessment. Green Chemistry, 2010, 12, 1817.	4.6	29
84	Synthesis and production of polyhydroxyalkanoates by halophiles: current potential and future prospects. Applied Microbiology and Biotechnology, 2010, 85, 1687-1696.	1.7	237
85	Surfactants from xylan: Production of n-octyl xylosides using a highly thermostable xylanase from Thermotoga neapolitana. Process Biochemistry, 2010, 45, 700-705.	1.8	17
86	High productivity of ectoines by Halomonas boliviensis using a combined two-step fed-batch culture and milking process. Journal of Biotechnology, 2010, 147, 46-51.	1.9	50
87	ORIGINAL RESEARCH: Alkanolamide biosurfactants: Techno-economic evaluation of biocatalytic versus chemical production. Industrial Biotechnology, 2010, 6, 204-211.	0.5	23
88	Halomonas andesensis sp. nov., a moderate halophile isolated from the saline lake Laguna Colorada in Bolivia. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 749-753.	0.8	44
89	Polyethyleneimineâ€“protein interactions and implications on protein stability. International Journal of Biological Macromolecules, 2010, 47, 15-20.	3.6	46
90	ORIGINAL RESEARCH: Biocatalytic production of fatty epoxides from rapeseed & tall oil derivatives: Process & environmental evaluation. Industrial Biotechnology, 2009, 5, 184-192.	0.5	18

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91	A process for the production of ectoine and poly(3-hydroxybutyrate) by Halomonas boliviensis. Applied Microbiology and Biotechnology, 2009, 84, 1069-1077.	1.7	73
92	Mass spectrometric analysis of peptides from an immobilized lipase: focus on oxidative modifications. Rapid Communications in Mass Spectrometry, 2009, 23, 2959-2964.	0.7	21
93	An alkaline active xylanase: Insights into mechanisms of high pH catalytic adaptation. Biochimie, 2009, 91, 1187-1196.	1.3	88
94	Poly(3-hydroxybutyrate) production by Halomonas boliviensis in fed-batch culture. Applied Microbiology and Biotechnology, 2008, 78, 227-232.	1.7	87
95	Crystal structure of an alkaline serine protease from Nesterenkonia sp. defines a novel family of secreted bacterial proteases. Proteins: Structure, Function and Bioinformatics, 2008, 73, 1072-1075.	1.5	3
96	Production of glycidyl ethers by chemo-enzymatic epoxidation of allyl ethers. Journal of Molecular Catalysis B: Enzymatic, 2008, 54, 1-6.	1.8	17
97	Solvent-free enzymatic synthesis of fatty alkanolamides. Biotechnology and Bioengineering, 2007, 97, 447-453.	1.7	61
98	Specialty chemicals from vegetable oils: achievements within the Greenchem research program. Lipid Technology, 2007, 19, 84-87.	0.3	4
99	Stability of immobilized Candida antarctica lipase B during chemo-enzymatic epoxidation of fatty acids. Enzyme and Microbial Technology, 2007, 40, 447-451.	1.6	118
100	Optimizing refolding and recovery of active recombinant Bacillus halodurans xylanase in polymerâ€“salt aqueous two-phase system using surface response analysis. Journal of Chromatography A, 2007, 1141, 32-40.	1.8	37
101	Industrial biotechnology for the production of bio-based chemicals â€“ a cradle-to-grave perspective. Trends in Biotechnology, 2007, 25, 119-124.	4.9	277
102	Lipase mediated simultaneous esterification and epoxidation of oleic acid for the production of alkylepoxystearates. Journal of Molecular Catalysis B: Enzymatic, 2007, 44, 133-137.	1.8	55
103	Optimizing conditions for poly(Î²-hydroxybutyrate) production by Halomonas boliviensis LC1 in batch culture with sucrose as carbon source. Applied Microbiology and Biotechnology, 2007, 74, 981-986.	1.7	52
104	Fusion of carbohydrate binding modules from Thermotoga neapolitana with a family 10 xylanase from Bacillus halodurans S7. Extremophiles, 2007, 11, 169-177.	0.9	46
105	Poly(Î²-hydroxybutyrate) production by a moderate halophile, Halomonas boliviensis LC1. Enzyme and Microbial Technology, 2006, 38, 148-154.	1.6	83
106	Purification of papain from Carica papaya latex: Aqueous two-phase extraction versus two-step salt precipitation. Enzyme and Microbial Technology, 2006, 39, 1103-1107.	1.6	115
107	A thermostable alkaline active endo-Î²-1-4-xylanase from Bacillus halodurans S7: Purification and characterization. Enzyme and Microbial Technology, 2006, 39, 1492-1498.	1.6	126
108	Cloning, Sequence Analysis, and Expression of a Gene Encoding an Endoxylanase From Bacillus halodurans S7. Molecular Biotechnology, 2006, 33, 149-160.	1.3	31

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109	Purification of plasmid DNA with polymer-salt aqueous two-phase system: Optimization using response surface methodology. Biotechnology and Bioengineering, 2006, 95, 627-637.	1.7	58
110	Nesterenkonia aethiopica sp. nov., an alkaliphilic, moderate halophile isolated from an Ethiopian soda lake. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1229-1232.	0.8	49
111	Hydrogen peroxide degradation by immobilized cells of alkaliphilicBacillus halodurans. Biocatalysis and Biotransformation, 2006, 24, 215-222.	1.1	17
112	Substrate specificity of alkaline protease from alkaliphilic feather-degrading Nesterenkonia sp. AL20. Enzyme and Microbial Technology, 2005, 37, 534-540.	1.6	31
113	Chemo-enzymatic epoxidation of linoleic acid: Parameters influencing the reaction. European Journal of Lipid Science and Technology, 2005, 107, 864-870.	1.0	77
114	Bacillus bogoriensis sp. nov., a novel alkaliphilic, halotolerant bacterium isolated from a Kenyan soda lake. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 899-902.	0.8	45
115	Chemo-enzymatic epoxidation of oleic acid and methyl oleate in solvent-free medium. Biocatalysis and Biotransformation, 2005, 23, 431-437.	1.1	69
116	Biopolyester Production: Halophilic Microorganisms as an Attractive Source. , 2005, , 355-367.		2
117	Chromohalobacter sarecensis sp. nov., a psychrotolerant moderate halophile isolated from the saline Andean region of Bolivia. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1921-1926.	0.8	31
118	Halomonas boliviensis sp. nov., an alkalitolerant, moderate halophile isolated from soil around a Bolivian hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 721-725.	0.8	142
119	Synthesis of alkylgalactosides using whole cells of Bacillus pseudofirmus species as catalysts. Journal of Biotechnology, 2004, 110, 273-286.	1.9	32
120	Integrated immobilized cell reactor-adsorption system for beta-cyclodextrin production: a model study using PVA-cryogel entrapped Bacillus agaradhaerens cells. Biotechnology Letters, 2003, 25, 1537-1543.	1.1	25
121	Sequence analysis of cyclodextrin glycosyltransferase from the alkaliphilic Bacillus agaradhaerens. Biotechnology Letters, 2003, 25, 1555-1562.	1.1	12
122	Cold-adapted yeasts as producers of cold-active polygalacturonases. Extremophiles, 2003, 7, 185-193.	0.9	77
123	Novel alkaline proteases from alkaliphilic bacteria grown on chicken feather. Enzyme and Microbial Technology, 2003, 32, 519-524.	1.6	164
124	Stability characteristics of a calcium-independent alkaline protease from Nesterenkonia sp.. Enzyme and Microbial Technology, 2003, 32, 525-531.	1.6	30
125	The search for a peptide ligand targeting the lipolytic enzyme cutinase. Enzyme and Microbial Technology, 2003, 33, 244-249.	1.6	4
126	Crystallization and preliminary X-ray analysis of an alkaline serine protease fromNesterenkoniasp.. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 529-531.	2.5	10

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127	Affinity Extraction of Dye- and Metal Ion-Binding Proteins in Polyvinylpyrrolidone-Based Aqueous Two-Phase System. Protein Expression and Purification, 2002, 24, 460-469.	0.6	8
128	The role of poly(ethyleneimine) in stabilization against metal-catalyzed oxidation of proteins: a case study with lactate dehydrogenase. Biochimica Et Biophysica Acta - General Subjects, 2002, 1570, 165-173.	1.1	28
129	Selective recovery of lactate dehydrogenase using affinity foam. Biotechnology and Bioengineering, 2002, 79, 472-480.	1.7	16
130	A new cyclodextrin glycosyltransferase from an alkaliphilic Bacillus agaradhaerens isolate: purification and characterisation. Enzyme and Microbial Technology, 2002, 30, 116-124.	1.6	93
131	Recovery of Recombinant Cutinase Using Detergent Foam. Biotechnology Progress, 2002, 18, 116-123.	1.3	12
132	Title is missing!. Biotechnology Letters, 2002, 24, 531-538.	1.1	69
133	Stability Properties of Thermoresponsive Poly(N-Isopropylacrylamide)-Trypsin Conjugates. Biocatalysis and Biotransformation, 2001, 19, 341-359.	1.1	8
134	Starch-hydrolyzing bacteria from Ethiopian soda lakes. Extremophiles, 2001, 5, 135-144.	0.9	65
135	Purification of recombinant cutinase by extraction in an aqueous two-phase system facilitated by a fatty acid substrate. Biotechnology and Bioengineering, 2001, 73, 465-475.	1.7	17
136	Aqueous Two-Phase Systems: A General Overview. Molecular Biotechnology, 2001, 19, 269-278.	1.3	285
137	Stabilizing effect of chemical additives against oxidation of lactate dehydrogenase. Biotechnology and Applied Biochemistry, 2000, 32, 145.	1.4	79
138	Dynamic and Static Light Scattering and Fluorescence Studies of the Interactions between Lactate Dehydrogenase and Poly(ethyleneimine). Journal of Physical Chemistry B, 2000, 104, 3660-3667.	1.2	38
139	Purification and characterization of cellulases produced by two Bacillus strains. Journal of Biotechnology, 2000, 83, 177-187.	1.9	194
140	Title is missing!. Bioseparation, 1999, 8, 273-280.	0.7	11
141	Protein separation using metal ion-bound particles in aqueous two-phase system. Biotechnology Letters, 1999, 13, 145-148.	0.5	4
142	Protein stabilising effect of polyethyleneimine. Journal of Biotechnology, 1999, 72, 21-31.	1.9	142
143	Lactic acid production by immobilized Lactobacillus casei in recycle batch reactor: a step towards optimization. Journal of Biotechnology, 1999, 73, 61-70.	1.9	66
144	Specificity and mode of action of a thermostable xylanase from bacillus amyloliquefaciens on-line monitoring of hydrolysis products. Applied Biochemistry and Biotechnology, 1998, 69, 31-40.	1.4	6

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145	Towards a molecular level understanding of protein stabilization: the interaction between lysozyme and sorbitol1Presented in part at the 13th European Experimental N.M.R. Conference, Paris, May 19â€“24, 1996.1. Journal of Biotechnology, 1997, 55, 85-100.	1.9	78
146	Title is missing!. Biotechnology Letters, 1997, 11, 231-236.	0.5	38
147	Synthesis of Surfactants Using Enzymes. , 0, , 143-165.		2