

# Rajni Hatti-Kaul

## List of Publications by Year in descending order

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147  
papers

6,644  
citations

47006

47  
h-index

76900

74  
g-index

152  
all docs

152  
docs citations

152  
times ranked

7064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractionation of sugar beet pulp polysaccharides into component sugars and pre-feasibility analysis for further valorisation. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 3575-3588.	4.6	3
2	Effect of membrane purification and concentration of sucrose in sugar beet molasses for the production of 5-hydroxymethylfurfural. <i>Chemical Engineering Research and Design</i> , 2022, 179, 365-373.	5.6	5
3	Reviewing a plethora of oxidative-type reactions catalyzed by whole cells of <i>Streptomyces</i> species. <i>RSC Advances</i> , 2022, 12, 6974-7001.	3.6	4
4	Oxidation of 5-hydroxymethylfurfural with a novel aryl alcohol oxidase from <i>Mycobacterium</i> sp. MS1601. <i>Microbial Biotechnology</i> , 2022, 15, 2176-2190.	4.2	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 Curupa <sup>®</sup> Sawdust. <i>Fermentation</i> , 2021, 7, 33.	3.0	19
6	Metabolic potential of the moderate halophile <i>Yangia</i> sp. ND199 for co-production of polyhydroxyalkanoates and exopolysaccharides. <i>MicrobiologyOpen</i> , 2021, 10, e1160.	3.0	10
7	Draft Genome Sequence of <i>Limnospira</i> sp. Strain BM01, Isolated from a Hypersaline Lake of the Momela Ecosystem in Tanzania. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	1
8	Enhanced Protocatechuic Acid Production From Glucose Using <i>Pseudomonas putida</i> 3-Dehydroshikimate Dehydratase Expressed in a Phenylalanine-Overproducing Mutant of <i>Escherichia coli</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 695704.	4.1	11
9	Photoelectrochemical Oxidation in Ambient Conditions Using Earth-Abundant Hematite Anode: A Green Route for the Synthesis of Biobased Polymer Building Blocks. <i>Catalysts</i> , 2021, 11, 969.	3.5	4
10	Propionic acid production from glycerol in immobilized cell bioreactor using an acid-tolerant strain of <i>Propionibacterium acidipropionici</i> obtained by adaptive evolution. <i>Process Biochemistry</i> , 2021, 110, 223-230.	3.7	7
11	Polyhydroxyalkanoate production from rice straw hydrolysate obtained by alkaline pretreatment and enzymatic hydrolysis using <i>Bacillus</i> strains isolated from decomposing straw. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	4.2	13
12	Designing Biobased Recyclable Polymers for Plastics. <i>Trends in Biotechnology</i> , 2020, 38, 50-67.	9.3	185
13	Comparative Structural Analysis of Different Mycobacteriophage-Derived Mycolylarabinogalactan Esterases (Lysin B). <i>Biomolecules</i> , 2020, 10, 45.	4.0	2
14	5-Hydroxymethylfurfural from fructose: an efficient continuous process in a water-dimethyl carbonate biphasic system with high yield product recovery. <i>Green Chemistry</i> , 2020, 22, 5402-5413.	9.0	52
15	Omics for Bioprospecting and Drug Discovery from Bacteria and Microalgae. <i>Antibiotics</i> , 2020, 9, 229.	3.7	33
16	Clean Production of Levulinic Acid from Fructose and Glucose in Salt Water by Heterogeneous Catalytic Dehydration. <i>ACS Omega</i> , 2020, 5, 14275-14282.	3.5	51
17	Exploring the Enzymatic and Antibacterial Activities of Novel Mycobacteriophage Lysin B Enzymes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3176.	4.1	14
18	A sustainable synthetic route for biobased 6-hydroxyhexanoic acid, adipic acid and $\epsilon$ -caprolactone by integrating bio- and chemical catalysis. <i>Green Chemistry</i> , 2020, 22, 4450-4455.	9.0	29

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19	Selective Oxidation of 5-Hydroxymethylfurfural to 5-Hydroxymethyl-2-furancarboxylic Acid Using <i>Gluconobacter oxydans</i> . ACS Sustainable Chemistry and Engineering, 2019, 7, 4406-4413.	6.7	54
20	Stress induced biofilm formation in <i>Propionibacterium acidipropionici</i> and use in propionic acid production. World Journal of Microbiology and Biotechnology, 2019, 35, 101.	3.6	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.	2.7	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.	9.0	50
23	<i>Lactobacillus reuteri</i> 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.	3.8	11
24	Hydrogen and polyhydroxybutyrate production from wheat straw hydrolysate using <i>Caldicellulosiruptor</i> species and <i>Ralstonia eutropha</i> in a coupled process. Bioresource Technology, 2019, 272, 259-266.	9.6	47
25	EPS production by <i>Propionibacterium freudenreichii</i> facilitates its immobilization for propionic acid production. Journal of Applied Microbiology, 2018, 125, 480-489.	3.1	10
26	Cell immobilization on 3D-printed matrices: A model study on propionic acid fermentation. Bioresource Technology, 2018, 249, 777-782.	9.6	37
27	Lactic acid bacteria: from starter cultures to producers of chemicals. FEMS Microbiology Letters, 2018, 365, .	1.8	136
28	Conversion of rice husks to polyhydroxyalkanoates (PHA) via a three-step process: optimized alkaline pretreatment, enzymatic hydrolysis, and biosynthesis by <i>Burkholderia cepacia</i> USM (JCM 15050). Journal of Chemical Technology and Biotechnology, 2017, 92, 100-108.	3.2	69
29	Complete Genome Sequence of <i>Mycobacterium</i> 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.	5.9	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.	5.4	51
32	Enhancing the Activity of a <i>Dietzia</i> sp. D5 Baeyer-Villiger Monooxygenase towards Cyclohexanone by Saturation Mutagenesis. ChemistrySelect, 2017, 2, 7169-7177.	1.5	7
33	Crosslinked, cryostructured <i>Lactobacillus reuteri</i> monoliths for production of 3-hydroxypropionaldehyde, 3-hydroxypropionic acid and 1,3-propanediol from glycerol. Journal of Biotechnology, 2017, 241, 22-32.	3.8	21
34	Six-membered cyclic carbonates from trimethylolpropane: Lipase-mediated synthesis in a flow reactor and <i>in silico</i> evaluation of the reaction. Biotechnology Progress, 2017, 33, 375-382.	2.6	8
35	Exploring <i>Lactobacillus reuteri</i> DSM20016 as a biocatalyst for transformation of longer chain 1,2-diols: Limits with microcompartment. PLoS ONE, 2017, 12, e0185734.	2.5	13
36	Antimicrobial Protein Candidates from the Thermophilic <i>Geobacillus</i> sp. Strain ZGt-1: Production, Proteomics, and Bioinformatics Analysis. International Journal of Molecular Sciences, 2016, 17, 1363.	4.1	23

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37	T4 lysozyme fused with cellulose-binding module for antimicrobial cellulosic wound dressing materials. <i>Journal of Applied Microbiology</i> , 2016, 121, 115-125.	3.1	33
38	Anaerobes in Industrial- and Environmental Biotechnology. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2016, 156, 1-33.	1.1	12
39	Chlorine-Free Synthesis of Organic Alkyl Carbonates and Five- and Six-Membered Cyclic Carbonates. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 834-839.	4.3	28
40	Response surface methodology and artificial neural network modelling of an aqueous two-phase system for purification of a recombinant alkaline active xylanase. <i>Process Biochemistry</i> , 2016, 51, 452-462.	3.7	31
41	Redox Balance in <i>Lactobacillus reuteri</i> DSM20016: Roles of Iron-Dependent Alcohol Dehydrogenases in Glucose/ Glycerol Metabolism. <i>PLoS ONE</i> , 2016, 11, e0168107.	2.5	22
42	A Bi-Enzymatic Convergent Cascade for $\epsilon$ -Caprolactone Synthesis Employing 1,6-Hexanediol as a "Double-Smart Cosubstrate". <i>ChemCatChem</i> , 2015, 7, 2442-2445.	3.7	55
43	Effect of Natural and Semisynthetic Pseudoguianolides on the Stability of NF- $\kappa$ B:DNA Complex Studied by Agarose Gel Electrophoresis. <i>PLoS ONE</i> , 2015, 10, e0115819.	2.5	11
44	Bio-based 3-hydroxypropionic- and acrylic acid production from biodiesel glycerol via integrated microbial and chemical catalysis. <i>Microbial Cell Factories</i> , 2015, 14, 200.	4.0	74
45	Genome Sequence of <i>Geobacillus</i> sp. Strain ZGt-1, an Antibacterial Peptide-Producing Bacterium from Hot Springs in Jordan. <i>Genome Announcements</i> , 2015, 3, .	0.8	8
46	Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate) Production by a Moderate Halophile <i>Yangia</i> sp. ND199 Using Glycerol as a Carbon Source. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 3120-3132.	2.9	25
47	Efficient poly(3-hydroxypropionate) production from glycerol using <i>Lactobacillus reuteri</i> and recombinant <i>Escherichia coli</i> harboring <i>L. reuteri</i> propionaldehyde dehydrogenase and <i>Chromobacterium</i> sp. PHA synthase genes. <i>Bioresource Technology</i> , 2015, 180, 172-176.	9.6	14
48	Production of 3-hydroxypropionic acid from 3-hydroxypropionaldehyde by recombinant <i>Escherichia coli</i> co-expressing <i>Lactobacillus reuteri</i> propanediol utilization enzymes. <i>Bioresource Technology</i> , 2015, 180, 214-221.	9.6	17
49	Rational mutagenesis of pig liver esterase (PLE-1) to resolve racemic clopidogrel. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 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. <i>Bioresource Technology</i> , 2015, 176, 80-87.	9.6	35
51	Cloning and expression of a Baeyer-Villiger monooxygenase oxidizing linear aliphatic ketones from <i>Dietzia</i> sp. D5. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 109, 161-169.	1.8	7
52	Baeyer-Villiger Oxidation of Cyclohexanone in Aqueous Medium with In Situ Generation of Peracid Catalyzed by Perhydrolase CLEA. <i>Topics in Catalysis</i> , 2014, 57, 349-355.	2.8	15
53	Exploring the Substrate Specificity and Enantioselectivity of a Baeyer-Villiger Monooxygenase from <i>Dietzia</i> sp. D5: Oxidation of Sulfides and Aldehydes. <i>Topics in Catalysis</i> , 2014, 57, 366-375.	2.8	30
54	Semicarbazide-functionalized resin as a new scavenger for in situ recovery of 3-hydroxypropionaldehyde during biotransformation of glycerol by <i>Lactobacillus reuteri</i> . <i>Journal of Biotechnology</i> , 2014, 192, 223-230.	3.8	9

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55	Cloning, expression and characterization of a versatile Baeyer-Villiger monooxygenase from <i>Dietzia</i> sp. D5. <i>AMB Express</i> , 2014, 4, 23.	3.0	12
56	Flux analysis of the <i>Lactobacillus reuteri</i> propanediol-utilization pathway for production of 3-hydroxypropionaldehyde, 3-hydroxypropionic acid and 1,3-propanediol from glycerol. <i>Microbial Cell Factories</i> , 2014, 13, 76.	4.0	71
57	Environmentally evaluated HPLC-ELSD method to monitor enzymatic synthesis of a non-ionic surfactant. <i>Chemistry Central Journal</i> , 2014, 8, 33.	2.6	10
58	Coenzyme A-acylating propionaldehyde dehydrogenase (PduP) from <i>Lactobacillus reuteri</i> : Kinetic characterization and molecular modeling. <i>Enzyme and Microbial Technology</i> , 2013, 53, 235-242.	3.2	21
59	Baeyer-Villiger oxidation with peracid generated in situ by CaLB-CLEA catalyzed perhydrolysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 89, 67-72.	1.8	39
60	Laccase catalysed modification of lignin subunits and coupling to p-aminobenzoic acid. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 97, 45-53.	1.8	15
61	Ectoine-mediated protection of enzyme from the effect of pH and temperature stress: a study using <i>Bacillus halodurans</i> xylanase as a model. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6271-6278.	3.6	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. <i>Journal of Biotechnology</i> , 2013, 168, 534-542.	3.8	22
63	Amino Acid Oxidation of <i>Candida antarctica</i> Lipase B Studied by Molecular Dynamics Simulations and Site-Directed Mutagenesis. <i>Biochemistry</i> , 2013, 52, 1280-1289.	2.5	21
64	An economical biorefinery process for propionic acid production from glycerol and potato juice using high cell density fermentation. <i>Bioresource Technology</i> , 2013, 135, 504-512.	9.6	59
65	Production and properties of adhesives formulated from laccase modified Kraft lignin. <i>Industrial Crops and Products</i> , 2013, 45, 343-348.	5.2	62
66	Improved production of 3-hydroxypropionaldehyde by complex formation with bisulfite during biotransformation of glycerol. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1243-1248.	3.3	20
67	Optimization of a two-step process comprising lipase catalysis and thermal cyclization improves the efficiency of synthesis of six-membered cyclic carbonate from trimethylolpropane and dimethylcarbonate. <i>Biotechnology Progress</i> , 2013, 29, 66-73.	2.6	9
68	A new route for the synthesis of methacrylic acid from 2-methyl-1,3-propanediol by integrating biotransformation and catalytic dehydration. <i>Green Chemistry</i> , 2012, 14, 1942.	9.0	35
69	Batch- and continuous propionic acid production from glycerol using free and immobilized cells of <i>Propionibacterium acidipropionici</i> . <i>Bioresource Technology</i> , 2012, 118, 553-562.	9.6	75
70	Selective, Green Synthesis of Six-Membered Cyclic Carbonates by Lipase-Catalyzed Chemospecific Transesterification of Diols with Dimethyl Carbonate. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 797-802.	4.3	28
71	A method for rapid screening of ketone biotransformations: Detection of whole cell Baeyer-Villiger monooxygenase activity. <i>Enzyme and Microbial Technology</i> , 2012, 50, 101-106.	3.2	9
72	Solvent-free lipase-mediated synthesis of six-membered cyclic carbonates from trimethylolpropane and dialkyl carbonates. <i>Green Chemistry</i> , 2011, 13, 976.	9.0	49

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73	Self- and Cross-Aldol Condensation of Propanal Catalyzed by Anion-Exchange Resins in Aqueous Media. <i>Organic Process Research and Development</i> , 2011, 15, 631-637.	2.7	19
74	HPLC-EAT (Environmental Assessment Tool): A tool for profiling safety, health and environmental impacts of liquid chromatography methods. <i>Green Chemistry</i> , 2011, 13, 2021.	9.0	141
75	Cyclic carbonates as monomers for phosgene- and isocyanate-free polyurethanes and polycarbonates. <i>Pure and Applied Chemistry</i> , 2011, 84, 637-661.	1.9	57
76	Towards a cost-effective immobilized lipase for the synthesis of specialty chemicals. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 68, 200-205.	1.8	41
77	Laccase mediator system for activation of agarose gel: Application for immobilization of proteins. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 68, 270-274.	1.8	7
78	Clean synthesis of biolubricants for low temperature applications using heterogeneous catalysts. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 72, 263-269.	1.8	99
79	Biolubricant synthesis using immobilised lipase: Process optimisation of trimethylolpropane oleate production. <i>Process Biochemistry</i> , 2011, 46, 2225-2231.	3.7	74
80	Chemo-enzymatic epoxidation process options for improving biocatalytic productivity. <i>Biotechnology Progress</i> , 2011, 27, 67-76.	2.6	36
81	Blue laccase from <i>Galerina</i> sp.: Properties and potential for Kraft lignin demethylation. <i>Process Biochemistry</i> , 2011, 46, 379-384.	3.7	56
82	Biorefineries A Path to Sustainability?. <i>Crop Science</i> , 2010, 50, S-152.	1.8	23
83	Enzymatic synthesis of N-alkanoyl-N-methylglucamide surfactants: solvent-free production and environmental assessment. <i>Green Chemistry</i> , 2010, 12, 1817.	9.0	29
84	Synthesis and production of polyhydroxyalkanoates by halophiles: current potential and future prospects. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 1687-1696.	3.6	237
85	Surfactants from xylan: Production of n-octyl xylosides using a highly thermostable xylanase from <i>Thermotoga neapolitana</i> . <i>Process Biochemistry</i> , 2010, 45, 700-705.	3.7	17
86	High productivity of ectoines by <i>Halomonas boliviensis</i> using a combined two-step fed-batch culture and milking process. <i>Journal of Biotechnology</i> , 2010, 147, 46-51.	3.8	50
87	ORIGINAL RESEARCH: Alkanolamide biosurfactants: Techno-economic evaluation of biocatalytic versus chemical production. <i>Industrial Biotechnology</i> , 2010, 6, 204-211.	0.8	23
88	<i>Halomonas andensis</i> sp. nov., a moderate halophile isolated from the saline lake Laguna Colorada in Bolivia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 749-753.	1.7	44
89	Polyethyleneimine-protein interactions and implications on protein stability. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 15-20.	7.5	46
90	ORIGINAL RESEARCH: Biocatalytic production of fatty epoxides from rapeseed & tall oil derivatives: Process & environmental evaluation. <i>Industrial Biotechnology</i> , 2009, 5, 184-192.	0.8	18

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91	A process for the production of ectoine and poly(3-hydroxybutyrate) by <i>Halomonas boliviensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 1069-1077.	3.6	73
92	Mass spectrometric analysis of peptides from an immobilized lipase: focus on oxidative modifications. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2959-2964.	1.5	21
93	An alkaline active xylanase: Insights into mechanisms of high pH catalytic adaptation. <i>Biochimie</i> , 2009, 91, 1187-1196.	2.6	88
94	Poly(3-hydroxybutyrate) production by <i>Halomonas boliviensis</i> in fed-batch culture. <i>Applied Microbiology and Biotechnology</i> , 2008, 78, 227-232.	3.6	87
95	Crystal structure of an alkaline serine protease from <i>Nesterenkonia</i> sp. defines a novel family of secreted bacterial proteases. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 73, 1072-1075.	2.6	3
96	Production of glycidyl ethers by chemo-enzymatic epoxidation of allyl ethers. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 54, 1-6.	1.8	17
97	Solvent-free enzymatic synthesis of fatty alkanolamides. <i>Biotechnology and Bioengineering</i> , 2007, 97, 447-453.	3.3	61
98	Specialty chemicals from vegetable oils: achievements within the Greenchem research program. <i>Lipid Technology</i> , 2007, 19, 84-87.	0.3	4
99	Stability of immobilized <i>Candida antarctica</i> lipase B during chemo-enzymatic epoxidation of fatty acids. <i>Enzyme and Microbial Technology</i> , 2007, 40, 447-451.	3.2	118
100	Optimizing refolding and recovery of active recombinant <i>Bacillus halodurans</i> xylanase in polymer-salt aqueous two-phase system using surface response analysis. <i>Journal of Chromatography A</i> , 2007, 1141, 32-40.	3.7	37
101	Industrial biotechnology for the production of bio-based chemicals – a cradle-to-grave perspective. <i>Trends in Biotechnology</i> , 2007, 25, 119-124.	9.3	277
102	Lipase mediated simultaneous esterification and epoxidation of oleic acid for the production of alkylepoxystearates. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 44, 133-137.	1.8	55
103	Optimizing conditions for poly( $\beta$ -hydroxybutyrate) production by <i>Halomonas boliviensis</i> LC1 in batch culture with sucrose as carbon source. <i>Applied Microbiology and Biotechnology</i> , 2007, 74, 981-986.	3.6	52
104	Fusion of carbohydrate binding modules from <i>Thermotoga neapolitana</i> with a family 10 xylanase from <i>Bacillus halodurans</i> S7. <i>Extremophiles</i> , 2007, 11, 169-177.	2.3	46
105	Poly( $\beta$ -hydroxybutyrate) production by a moderate halophile, <i>Halomonas boliviensis</i> LC1. <i>Enzyme and Microbial Technology</i> , 2006, 38, 148-154.	3.2	83
106	Purification of papain from <i>Carica papaya</i> latex: Aqueous two-phase extraction versus two-step salt precipitation. <i>Enzyme and Microbial Technology</i> , 2006, 39, 1103-1107.	3.2	115
107	A thermostable alkaline active endo- $\beta$ -1-4-xylanase from <i>Bacillus halodurans</i> S7: Purification and characterization. <i>Enzyme and Microbial Technology</i> , 2006, 39, 1492-1498.	3.2	126
108	Cloning, Sequence Analysis, and Expression of a Gene Encoding an Endoxylanase From <i>Bacillus halodurans</i> S7. <i>Molecular Biotechnology</i> , 2006, 33, 149-160.	2.4	31



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109	Purification of plasmid DNA with polymer-salt aqueous two-phase system: Optimization using response surface methodology. <i>Biotechnology and Bioengineering</i> , 2006, 95, 627-637.	3.3	58
110	<i>Nesterenkonia aethiopica</i> sp. nov., an alkaliphilic, moderate halophile isolated from an Ethiopian soda lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1229-1232.	1.7	49
111	Hydrogen peroxide degradation by immobilized cells of alkaliphilic <i>Bacillus halodurans</i> . <i>Biocatalysis and Biotransformation</i> , 2006, 24, 215-222.	2.0	17
112	Substrate specificity of alkaline protease from alkaliphilic feather-degrading <i>Nesterenkonia</i> sp. AL20. <i>Enzyme and Microbial Technology</i> , 2005, 37, 534-540.	3.2	31
113	Chemo-enzymatic epoxidation of linoleic acid: Parameters influencing the reaction. <i>European Journal of Lipid Science and Technology</i> , 2005, 107, 864-870.	1.5	77
114	<i>Bacillus bogoriensis</i> sp. nov., a novel alkaliphilic, halotolerant bacterium isolated from a Kenyan soda lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 899-902.	1.7	45
115	Chemo-enzymatic epoxidation of oleic acid and methyl oleate in solvent-free medium. <i>Biocatalysis and Biotransformation</i> , 2005, 23, 431-437.	2.0	69
116	Biopolyester Production: Halophilic Microorganisms as an Attractive Source. , 2005, , 355-367.		2
117	<i>Chromohalobacter sarcensis</i> sp. nov., a psychrotolerant moderate halophile isolated from the saline Andean region of Bolivia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1921-1926.	1.7	31
118	<i>Halomonas boliviensis</i> sp. nov., an alkalitolerant, moderate halophile isolated from soil around a Bolivian hypersaline lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 721-725.	1.7	142
119	Synthesis of alkylgalactosides using whole cells of <i>Bacillus pseudofirmus</i> species as catalysts. <i>Journal of Biotechnology</i> , 2004, 110, 273-286.	3.8	32
120	Integrated immobilized cell reactor-adsorption system for beta-cyclodextrin production: a model study using PVA-cryogel entrapped <i>Bacillus agaradhaerens</i> cells. <i>Biotechnology Letters</i> , 2003, 25, 1537-1543.	2.2	25
121	Sequence analysis of cyclodextrin glycosyltransferase from the alkaliphilic <i>Bacillus agaradhaerens</i> . <i>Biotechnology Letters</i> , 2003, 25, 1555-1562.	2.2	12
122	Cold-adapted yeasts as producers of cold-active polygalacturonases. <i>Extremophiles</i> , 2003, 7, 185-193.	2.3	77
123	Novel alkaline proteases from alkaliphilic bacteria grown on chicken feather. <i>Enzyme and Microbial Technology</i> , 2003, 32, 519-524.	3.2	164
124	Stability characteristics of a calcium-independent alkaline protease from <i>Nesterenkonia</i> sp.. <i>Enzyme and Microbial Technology</i> , 2003, 32, 525-531.	3.2	30
125	The search for a peptide ligand targeting the lipolytic enzyme cutinase. <i>Enzyme and Microbial Technology</i> , 2003, 33, 244-249.	3.2	4
126	Crystallization and preliminary X-ray analysis of an alkaline serine protease from <i>Nesterenkonia</i> sp.. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 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. <i>Protein Expression and Purification</i> , 2002, 24, 460-469.	1.3	8
128	The role of poly(ethyleneimine) in stabilization against metal-catalyzed oxidation of proteins: a case study with lactate dehydrogenase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002, 1570, 165-173.	2.4	28
129	Selective recovery of lactate dehydrogenase using affinity foam. <i>Biotechnology and Bioengineering</i> , 2002, 79, 472-480.	3.3	16
130	A new cyclodextrin glycosyltransferase from an alkaliphilic <i>Bacillus agaradhaerens</i> isolate: purification and characterisation. <i>Enzyme and Microbial Technology</i> , 2002, 30, 116-124.	3.2	93
131	Recovery of Recombinant Cutinase Using Detergent Foam. <i>Biotechnology Progress</i> , 2002, 18, 116-123.	2.6	12
132	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 531-538.	2.2	69
133	Stability Properties of Thermoresponsive Poly(N-Isopropylacrylamide)-Trypsin Conjugates. <i>Biocatalysis and Biotransformation</i> , 2001, 19, 341-359.	2.0	8
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