

Tsutomu Tanaka

List of Publications by Year in descending order

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148
papers

4,884
citations

81900

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169
docs citations

169
times ranked

4570
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#	ARTICLE	IF	CITATIONS
1	Lactate oxidase-mediated removal of lactamic acid derived from fermentation medium for the production of optically pure L-lactic acid. <i>Biotechnology Journal</i>, 2022, 17, e2100331.	3.5	6
2	G6P-capturing molecules in the periplasm of <i>Escherichia coli</i> accelerate the shikimate pathway. <i>Metabolic Engineering</i>, 2022, 72, 68-81.	7.0	3
3	B2 puncture with forward-viewing EUS simplifies EUS-guided hepaticogastrostomy (with video). <i>Endoscopic Ultrasound</i>, 2022, .	1.5	4
4	Preparation of affinity membranes using polymer phase separation and azido-containing surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 2021, 611, 125802.	4.7	6
5	Metabolic engineering of 1,2-propanediol production from cellobiose using beta-glucosidase-expressing <i>E. coli</i>. <i>Bioresource Technology</i>, 2021, 329, 124858.	9.6	12
6	Outcomes of Endoscopic Ultrasound-Guided Biliary Drainage in Patients Undergoing Antithrombotic Therapy. <i>Clinical Endoscopy</i>, 2021, 54, 596-602.	1.5	8
7	Reprogramming <i>Escherichia coli</i> pyruvate-forming reaction towards chorismate derivatives production. <i>Metabolic Engineering</i>, 2021, 67, 1-10.	7.0	5
8	n-Butylamine production from glucose using a transaminase-mediated synthetic pathway in <i>Escherichia coli</i>. <i>Journal of Bioscience and Bioengineering</i>, 2020, 129, 99-103.	2.2	2
9	Risk factor analysis for adverse events and stent dysfunction of endoscopic ultrasound-guided choledochoduodenostomy. <i>Digestive Endoscopy</i>, 2020, 32, 957-966.	2.3	17
10	Metabolic Engineering of Shikimic Acid-Producing <i>Corynebacterium glutamicum</i> From Glucose and Cellobiose Retaining Its Phosphotransferase System Function and Pyruvate Kinase Activities. <i>Frontiers in Bioengineering and Biotechnology</i>, 2020, 8, 569406.	4.1	16
11	Metabolic engineering of <i>E. coli</i> for improving mevalonate production to promote NADPH regeneration and enhance acetyl-CoA supply. <i>Biotechnology and Bioengineering</i>, 2020, 117, 2153-2164.	3.3	36
12	Metabolic engineering of <i>Escherichia coli</i> for shikimate pathway derivative production from glucose-xylose co-substrate. <i>Nature Communications</i>, 2020, 11, 279.	12.8	60
13	Metabolic engineering to improve 1,5-diaminopentane production from cellobiose using β-glucosidase-secreting <i>Corynebacterium glutamicum</i>. <i>Biotechnology and Bioengineering</i>, 2019, 116, 2640-2651.	3.3	27
14	Outcomes of EUS-FNA in patients receiving antithrombotic therapy. <i>Endoscopy International Open</i>, 2019, 07, E15-E25.	1.8	14
15	Metabolic Engineering of <i>Lactobacillus plantarum</i> for Direct Lactic Acid Production From Raw Corn Starch. <i>Biotechnology Journal</i>, 2018, 13, e1700517.	3.5	33
16	Casein-based scaffold for artificial cellulosome design. <i>Process Biochemistry</i>, 2018, 66, 140-145.	3.7	5
17	Streptavidin-hydrogel prepared by sortase A-assisted click chemistry for enzyme immobilization on an electrode. <i>Biosensors and Bioelectronics</i>, 2018, 99, 56-61.	10.1	18
18	Enhancing 3-hydroxypropionic acid production in combination with sugar supply engineering by cell surface-display and metabolic engineering of <i>Schizosaccharomyces pombe</i>. <i>Microbial Cell Factories</i>, 2018, 17, 176.	4.0	31

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19	Muconic Acid Production Using Gene-Level Fusion Proteins in <i>Escherichia coli</i> . ACS Synthetic Biology, 2018, 7, 2698-2705.	3.8	17
20	Sortase A-Assisted Metabolic Enzyme Ligation in <i>Escherichia coli</i> for Enhancing Metabolic Flux. Methods in Molecular Biology, 2018, 1772, 125-136.	0.9	3
21	A DNA-gold nanoparticle hybrid hydrogel network prepared by enzymatic reaction. Chemical Communications, 2017, 53, 5802-5805.	4.1	40
22	Engineering metabolic pathways in <i>Escherichia coli</i> for constructing a microbial chassis for biochemical production. Bioresource Technology, 2017, 245, 1362-1368.	9.6	50
23	1,5-Diaminopentane production from xylooligosaccharides using metabolically engineered <i>Corynebacterium glutamicum</i> displaying beta-xylosidase on the cell surface. Bioresource Technology, 2017, 245, 1684-1691.	9.6	38
24	Metabolic engineering of <i>Schizosaccharomyces pombe</i> via CRISPR-Cas9 genome editing for lactic acid production from glucose and cellobiose. Metabolic Engineering Communications, 2017, 5, 60-67.	3.6	24
25	Production of optically pure d-lactic acid from brown rice using metabolically engineered <i>Lactobacillus plantarum</i> . Applied Microbiology and Biotechnology, 2017, 101, 1869-1875.	3.6	32
26	Risks of transesophageal endoscopic ultrasonography-guided biliary drainage. Gastrointestinal Intervention, 2017, 6, 82-84.	0.1	16
27	d-lactic acid production from renewable lignocellulosic biomass via genetically modified <i>Lactobacillus plantarum</i> . Biotechnology Progress, 2016, 32, 271-278.	2.6	43
28	Improvement of ectoine productivity by using sugar transporter-overexpressing <i>Halomonas elongata</i> . Enzyme and Microbial Technology, 2016, 89, 63-68.	3.2	20
29	Twigged streptavidin polymer as a scaffold for protein assembly. Journal of Biotechnology, 2016, 225, 61-66.	3.8	8
30	4-Vinylphenol production from glucose using recombinant <i>Streptomyces mobaraense</i> expressing a tyrosine ammonia lyase from <i>Rhodobacter sphaeroides</i> . Biotechnology Letters, 2016, 38, 1543-1549.	2.2	8
31	Titanium peroxide nanoparticles enhanced cytotoxic effects of X-ray irradiation against pancreatic cancer model through reactive oxygen species generation in vitro and in vivo. Radiation Oncology, 2016, 11, 91.	2.7	67
32	Putrescine production from cellobiose by cell surface- and metabolically-engineered <i>E. coli</i> . New Biotechnology, 2016, 33, S191.	4.4	0
33	Sortase A-Mediated Metabolic Enzyme Ligation in <i>Escherichia coli</i> . ACS Synthetic Biology, 2016, 5, 1284-1289.	3.8	11
34	Styrene production from a biomass-derived carbon source using a coculture system of phenylalanine ammonia lyase and phenylacrylic acid decarboxylase-expressing <i>Streptomyces lividans</i> transformants. Journal of Bioscience and Bioengineering, 2016, 122, 730-735.	2.2	12
35	Synergistic degradation of arabinoxylan by free and immobilized xylanases and arabinofuranosidase. Biochemical Engineering Journal, 2016, 114, 268-275.	3.6	22
36	2,3-Butanediol production from cellobiose using exogenous beta-glucosidase-expressing <i>Bacillus subtilis</i> . Applied Microbiology and Biotechnology, 2016, 100, 5781-5789.	3.6	9

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37	Enhanced D-lactic acid production from renewable resources using engineered <i>Lactobacillus plantarum</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 279-288.	3.6	62
38	Terminal-oriented Immobilization of Enzymes Using Sortase A-mediated Technique. <i>Macromolecular Bioscience</i> , 2015, 15, 1375-1380.	4.1	12
39	Cell surface engineering of industrial microorganisms for biorefining applications. <i>Biotechnology Advances</i> , 2015, 33, 1403-1411.	11.7	53
40	4-Vinylphenol biosynthesis from cellulose as the sole carbon source using phenolic acid decarboxylase- and tyrosine ammonia lyase-expressing <i>Streptomyces lividans</i> . <i>Bioresource Technology</i> , 2015, 180, 59-65.	9.6	17
41	Synergistic effect and application of xylanases as accessory enzymes to enhance the hydrolysis of pretreated bagasse. <i>Enzyme and Microbial Technology</i> , 2015, 72, 16-24.	3.2	88
42	Effect of pretreatment methods on the synergism of cellulase and xylanase during the hydrolysis of bagasse. <i>Bioresource Technology</i> , 2015, 185, 158-164.	9.6	31
43	Secretory production of tetrameric native full-length streptavidin with thermostability using <i>Streptomyces lividans</i> as a host. <i>Microbial Cell Factories</i> , 2015, 14, 5.	4.0	4
44	Production of d-lactic acid from hardwood pulp by mechanical milling followed by simultaneous saccharification and fermentation using metabolically engineered <i>Lactobacillus plantarum</i> . <i>Bioresource Technology</i> , 2015, 187, 167-172.	9.6	73
45	Multi-functional glycoside hydrolase: Blon_0625 from <i>Bifidobacterium longum</i> subsp. <i>infantis</i> ATCC 15697. <i>Enzyme and Microbial Technology</i> , 2015, 68, 10-14.	3.2	12
46	Two-step production of d-lactate from mixed sugars by growing and resting cells of metabolically engineered <i>Lactobacillus plantarum</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4911-4918.	3.6	19
47	Cell-surface display of enzymes by the yeast <i>Saccharomyces cerevisiae</i> for synthetic biology. <i>FEMS Yeast Research</i> , 2014, 15, n/a-n/a.	2.3	19
48	Creation of Cellobiose and Xylooligosaccharides-Coupling <i>Escherichia coli</i> Displaying both β -Glucosidase and β -Xylosidase on Its Cell Surface. <i>ACS Synthetic Biology</i> , 2014, 3, 446-453.	3.8	15
49	The effect of combining signal sequences with the N28 fragment on GFP production in <i>Aspergillus oryzae</i> . <i>Process Biochemistry</i> , 2014, 49, 1078-1083.	3.7	2
50	Ectoine production from lignocellulosic biomass-derived sugars by engineered <i>Halomonas elongata</i> . <i>Bioresource Technology</i> , 2013, 142, 523-529.	9.6	32
51	p-Hydroxycinnamic acid production directly from cellulose using endoglucanase- and tyrosine ammonia lyase-expressing <i>Streptomyces lividans</i> . <i>Microbial Cell Factories</i> , 2013, 12, 45.	4.0	30
52	Direct L-lysine production from cellobiose by <i>Corynebacterium glutamicum</i> displaying beta-glucosidase on its cell surface. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 7165-7172.	3.6	50
53	Display of active beta-glucosidase on the surface of <i>Schizosaccharomyces pombe</i> cells using novel anchor proteins. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4343-4352.	3.6	6
54	Particle size for photocatalytic activity of anatase TiO ₂ nanosheets with highly exposed {001} facets. <i>RSC Advances</i> , 2013, 3, 19268.	3.6	29

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55	Hyper secretion of <i>Thermobifida fusca</i> Î²-glucosidase via a Tat-dependent signal peptide using <i>Streptomyces lividans</i> . <i>Microbial Cell Factories</i> , 2013, 12, 88.	4.0	4
56	Direct cadaverine production from cellobiose using Î²-glucosidase displaying <i>Escherichia coli</i> . <i>AMB Express</i> , 2013, 3, 67.	3.0	31
57	Creation of endoglucanase-secreting <i>Streptomyces lividans</i> for enzyme production using cellulose as the carbon source. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 5711-5720.	3.6	2
58	Single-step production of polyhydroxybutyrate from starch by using Î±-amylase cell-surface displaying system of <i>Corynebacterium glutamicum</i> . <i>Journal of Bioscience and Bioengineering</i> , 2013, 115, 12-14.	2.2	39
59	High-level production of mature active-form <i>Streptomyces mobaraensis</i> transglutaminase via pro-transglutaminase processing using <i>Streptomyces lividans</i> as a host. <i>Biochemical Engineering Journal</i> , 2013, 74, 76-80.	3.6	10
60	Preparation of affinity membranes using thermally induced phase separation for one-step purification of recombinant proteins. <i>Analytical Biochemistry</i> , 2013, 434, 269-274.	2.4	13
61	Preparation of hemispherical polymer particles via phase separation induced by microsuspension polymerization. <i>Colloid and Polymer Science</i> , 2013, 291, 71-76.	2.1	6
62	Aligning an endoglucanase Cel5A from <i>Thermobifida fusca</i> on a DNA scaffold: potent design of an artificial cellulosome. <i>Chemical Communications</i> , 2013, 49, 6971.	4.1	32
63	Starchy biomass-powered enzymatic biofuel cell based on amylases and glucose oxidase multi-immobilized bioanode. <i>New Biotechnology</i> , 2013, 30, 531-535.	4.4	20
64	Two-Stage Oxidation of Glucose by an Enzymatic Bioanode. <i>Fuel Cells</i> , 2013, 13, 960-964.	2.4	9
65	Utilization of Lactic Acid Bacterial Genes in <i>Synechocystis</i> sp. PCC 6803 in the Production of Lactic Acid. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 966-970.	1.3	31
66	Direct production of organic acids from starch by cell surface-engineered <i>Corynebacterium glutamicum</i> in anaerobic conditions. <i>AMB Express</i> , 2013, 3, 72.	3.0	25
67	Protein-encapsulated bio-nanocapsules production with ER membrane localization sequences. <i>Journal of Biotechnology</i> , 2012, 157, 124-129.	3.8	4
68	Benzoic acid fermentation from starch and cellulose via a plant-like Î²-oxidation pathway in <i>Streptomyces maritimus</i> . <i>New Biotechnology</i> , 2012, 29, S50.	4.4	0
69	Task-specific membranes for the isolation of recombinant proteins with peptide tags. <i>RSC Advances</i> , 2012, 2, 125-127.	3.6	7
70	Direct isopropanol production from cellobiose by engineered <i>Escherichia coli</i> using a synthetic pathway and a cell surface display system. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 80-85.	2.2	54
71	Benzoic acid fermentation from starch and cellulose via a plant-like Î²-oxidation pathway in <i>Streptomyces maritimus</i> . <i>Microbial Cell Factories</i> , 2012, 11, 49.	4.0	28
72	Sortase A-Catalyzed Site-Specific Coimmobilization on Microparticles via Streptavidin. <i>Langmuir</i> , 2012, 28, 3553-3557.	3.5	27

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73	Efficient heterologous expression and secretion in <i>Aspergillus oryzae</i> of a llama variable heavy-chain antibody fragment VHH against EGFR. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 81-88.	3.6	23
74	Recent developments in yeast cell surface display toward extended applications in biotechnology. <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 577-591.	3.6	115
75	Site-specific protein labeling with amine-containing molecules using <i>Lactobacillus plantarum</i> sortase. <i>Biotechnology Journal</i> , 2012, 7, 642-648.	3.5	19
76	Enzyme-mediated methodologies for protein modification and bioconjugate synthesis. <i>Biotechnology Journal</i> , 2012, 7, 1137-1146.	3.5	26
77	Repeated fermentation from raw starch using <i>Saccharomyces cerevisiae</i> displaying both glucoamylase and α -amylase. <i>Enzyme and Microbial Technology</i> , 2012, 50, 343-347.	3.2	51
78	Production of <i>Streptoverticillium cinnamoneum</i> transglutaminase and cinnamic acid by recombinant <i>Streptomyces lividans</i> cultured on biomass-derived carbon sources. <i>Bioresource Technology</i> , 2012, 104, 648-651.	9.6	26
79	Aromatic chemicals production using phenylalanine ammonia lyase expressing <i>Streptomyces lividans</i> . , 2011, , .		0
80	Cinnamic acid production using <i>Streptomyces lividans</i> expressing phenylalanine ammonia lyase. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011, 38, 643-648.	3.0	45
81	Glutamate production from β -glucan using endoglucanase-secreting <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 895-901.	3.6	50
82	Improved homo l-lactic acid fermentation from xylose by abolishment of the phosphoketolase pathway and enhancement of the pentose phosphate pathway in genetically modified xylose-assimilating <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 1537-1544.	3.6	31
83	Homo-d-lactic acid production from mixed sugars using xylose-assimilating operon-integrated <i>Lactobacillus plantarum</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 67-76.	3.6	47
84	Co-fermentation of cellulose/xylan using engineered industrial yeast strain OC-2 displaying both β -glucosidase and β -xylosidase. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 1553-1559.	3.6	18
85	Direct ethanol production from cellulosic materials using a diploid strain of <i>Saccharomyces cerevisiae</i> with optimized cellulase expression. <i>Biotechnology for Biofuels</i> , 2011, 4, 8.	6.2	112
86	Direct and efficient ethanol production from high-yielding rice using a <i>Saccharomyces cerevisiae</i> strain that express amylases. <i>Enzyme and Microbial Technology</i> , 2011, 48, 393-396.	3.2	40
87	Site-specific tetrameric streptavidin-protein conjugation using sortase A. <i>Journal of Biotechnology</i> , 2011, 152, 37-42.	3.8	18
88	Creation of a Cellooligosaccharide-Assimilating <i>Escherichia coli</i> Strain by Displaying Active Beta-Glucosidase on the Cell Surface via a Novel Anchor Protein. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6265-6270.	3.1	36
89	Ethanol production from cellulosic materials using cellulase-expressing yeast. <i>Biotechnology Journal</i> , 2010, 5, 449-455.	3.5	75
90	d-lactic acid production from cellooligosaccharides and β -glucan using l-LDH gene-deficient and endoglucanase-secreting <i>Lactobacillus plantarum</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 643-650.	3.6	48

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91	Novel strategy for yeast construction using $\hat{\Gamma}$ -integration and cell fusion to efficiently produce ethanol from raw starch. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 1491-1498.	3.6	83
92	Biotechnological production of enantiomeric pure lactic acid from renewable resources: recent achievements, perspectives, and limits. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 413-423.	3.6	235
93	Repeated batch fermentation from raw starch using a maltose transporter and amylase expressing diploid yeast strain. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 109-115.	3.6	28
94	Display of both N- and C-terminal target fusion proteins on the <i>Aspergillus oryzae</i> cell surface using a chitin-binding module. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 1783-1789.	3.6	22
95	Co-fermentation of cellobiose and xylose using beta-glucosidase displaying diploid industrial yeast strain OC-2. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 1975-1982.	3.6	29
96	Direct ethanol production from cellulosic materials at high temperature using the thermotolerant yeast <i>Kluyveromyces marxianus</i> displaying cellulolytic enzymes. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 381-388.	3.6	135
97	Gene copy number and ploidy on products formation in yeast. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 849-857.	3.6	41
98	Ethanolysis of rapeseed oil to produce biodiesel fuel catalyzed by <i>Fusarium heterosporum</i> lipase-expressing fungus immobilized whole-cell biocatalysts. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 66, 101-104.	1.8	26
99	Displaying non-natural, functional molecules on yeast surfaces via biotin-streptavidin interaction. <i>Journal of Biotechnology</i> , 2010, 145, 79-83.	3.8	13
100	Preparation of monodispersed polyelectrolyte microcapsules with high encapsulation efficiency by an electrospray technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 370, 28-34.	4.7	57
101	Affibody-displaying bionanocapsules for specific drug delivery to HER2-expressing cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5726-5731.	2.2	22
102	Fatty acid production from butter using novel cutinase-displaying yeast. <i>Enzyme and Microbial Technology</i> , 2010, 46, 194-199.	3.2	12
103	The competitor-introduced G $\hat{\Gamma}$ FEBS Journal, 2010, 277, 1704-1712.	4.7	11
104	Protein-protein interactions and selection: yeast-based approaches that exploit guanine nucleotide-binding protein signaling. <i>FEBS Journal</i> , 2010, 277, 1982-1995.	4.7	27
105	Control of signalling properties of human somatostatin receptor subtype-5 by additional signal sequences on its amino-terminus in yeast. <i>Journal of Biochemistry</i> , 2010, 147, 875-884.	1.7	26
106	Importance of asparagine residues at positions 13 and 26 on the amino-terminal domain of human somatostatin receptor subtype-5 in signalling. <i>Journal of Biochemistry</i> , 2010, 147, 867-873.	1.7	23
107	Applications of Yeast Cell-Surface Display in Bio-Refinery. <i>Recent Patents on Biotechnology</i> , 2010, 4, 226-234.	0.8	12
108	Cocktail $\hat{\Gamma}$ -integration: a novel method to construct cellulolytic enzyme expression ratio-optimized yeast strains. <i>Microbial Cell Factories</i> , 2010, 9, 32.	4.0	145

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109	Over-production of various secretory-form proteins in <i>Streptomyces lividans</i> . <i>Protein Expression and Purification</i> , 2010, 73, 198-202.	1.3	33
110	Enzyme-Mediated Site-Specific Antibody ^α -Protein Modification Using a ZZ Domain as a Linker. <i>Bioconjugate Chemistry</i> , 2010, 21, 2227-2233.	3.6	30
111	Biofunctional TiO ₂ nanoparticle-mediated photokilling of cancer cells using UV irradiation. <i>MedChemComm</i> , 2010, 1, 209.	3.4	29
112	Efficient Production of Optically Pure <i>D</i> -Lactic Acid from Raw Corn Starch by Using a Genetically Modified <i>Lactate Dehydrogenase Gene-Deficient and ±-Amylase-Secreting Lactobacillus plantarum</i> Strain. <i>Applied and Environmental Microbiology</i> , 2009, 75, 462-467.	3.1	96
113	Regulation of the Display Ratio of Enzymes on the <i>Saccharomyces cerevisiae</i> Cell Surface by the Immunoglobulin G and Cellulosomal Enzyme Binding Domains. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4149-4154.	3.1	48
114	Homo- <i>D</i> -Lactic Acid Fermentation from Arabinose by Redirection of the Phosphoketolase Pathway to the Pentose Phosphate Pathway in <i>Lactate Dehydrogenase Gene-Deficient Lactobacillus plantarum</i> . <i>Applied and Environmental Microbiology</i> , 2009, 75, 5175-5178.	3.1	68
115	Improved Production of Homo- <i>D</i> -Lactic Acid via Xylose Fermentation by Introduction of Xylose Assimilation Genes and Redirection of the Phosphoketolase Pathway to the Pentose Phosphate Pathway in <i>Lactate Dehydrogenase Gene-Deficient Lactobacillus plantarum</i> . <i>Applied and Environmental Microbiology</i> , 2009, 75, 7858-7861.	3.1	84
116	Biotinylated Bionanocapsules for Displaying Diverse Ligands Toward Cell-specific Delivery. <i>Journal of Biochemistry</i> , 2009, 146, 867-874.	1.7	15
117	Improvement of isoflavone aglycones production using β -glucosidase secretory produced in recombinant <i>Aspergillus oryzae</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 59, 297-301.	1.8	34
118	Affibody displaying bionanocapsules for HER2 specific drug delivery. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S27.	2.2	0
119	Efficient ethanol production from xylose by mated diploid <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S49.	2.2	0
120	Integrated and energy-saving biodiesel fuel production using fungus whole-cell biocatalyst. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S50-S51.	2.2	0
121	Direct fermentation of cellulosic materials to ethanol using yeast strains codisplaying three types of cellulolytic enzyme. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S52.	2.2	0
122	Site-specific protein modification with functional molecule using novel enzyme. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S107-S108.	2.2	0
123	Functional analysis of mutant human somatostatin receptor using a yeast-based fluorescence reporter assay. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S108.	2.2	0
124	Expression and signaling analyses of human G protein-coupled receptor in yeast. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S164.	2.2	0
125	Evaluation of cell surface-displayed protein stability against simulated gastric fluid. <i>Biotechnology Letters</i> , 2009, 31, 1259-1264.	2.2	4
126	A high-level expression vector containing selectable marker for continuous production of recombinant protein in insect cells. <i>Biotechnology Letters</i> , 2009, 31, 623-627.	2.2	1

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127	Direct production of cadaverine from soluble starch using <i>Corynebacterium glutamicum</i> coexpressing α -amylase and lysine decarboxylase. <i>Applied Microbiology and Biotechnology</i> , 2009, 82, 115-121.	3.6	125
128	Development of novel cell surface display in <i>Corynebacterium glutamicum</i> using porin. <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 733-739.	3.6	37
129	Marker-disruptive gene integration and URA3 recycling for multiple gene manipulation in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2009, 83, 783-789.	3.6	11
130	Development of an enzyme activity screening system for β -glucosidase-displaying yeasts using calcium alginate micro-beads and flow sorting. <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 375-382.	3.6	8
131	Construction of a novel detection system for protein-protein interactions using yeast G-protein signaling. <i>FEBS Journal</i> , 2009, 276, 2636-2644.	4.7	15
132	Efficient production of ethanol from raw starch by a mated diploid <i>Saccharomyces cerevisiae</i> with integrated α -amylase and glucoamylase genes. <i>Enzyme and Microbial Technology</i> , 2009, 44, 344-349.	3.2	44
133	Construction of arginine-rich peptide displaying bionanocapsules. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1473-1476.	2.2	13
134	A Simple and Immediate Method for Simultaneously Evaluating Expression Level and Plasmid Maintenance in Yeast. <i>Journal of Biochemistry</i> , 2009, 145, 701-708.	1.7	90
135	Site-Specific Protein Modification on Living Cells Catalyzed by Sortase. <i>ChemBioChem</i> , 2008, 9, 802-807.	2.6	151
136	Improvement of ethanol productivity during xylose and glucose co-fermentation by xylose-assimilating <i>S. cerevisiae</i> via expression of glucose transporter Sut1. <i>Enzyme and Microbial Technology</i> , 2008, 43, 115-119.	3.2	110
137	Effective xylose/cellobiose co-fermentation and ethanol production by xylose-assimilating <i>S. cerevisiae</i> via expression of β -glucosidase on its cell surface. <i>Enzyme and Microbial Technology</i> , 2008, 43, 233-236.	3.2	50
138	Rapid and Efficient Selection of Yeast Displaying a Target Protein Using Thermo-responsive Magnetic Nanoparticles. <i>Biotechnology Progress</i> , 2008, 24, 352-357.	2.6	8
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