

Tsutomu Tanaka

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Lactate oxidase-mediated removal of L-lactic acid derived from fermentation medium for the production of optically pure D-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 L-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 | 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-orientated 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-Coutilizing <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 polyploidy 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-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>L</i> -Lactate Dehydrogenase Gene-Deficient and α -Amylase-Secreting <i>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>L</i> -Lactate Dehydrogenase Gene-Deficient <i>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>L</i> -Lactate Dehydrogenase Gene-Deficient <i>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 |
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