

Seung-Goo Lee

List of Publications by Year in descending order

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155
papers

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126907

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docs citations

158
times ranked

5968
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive laboratory evolution of <i>Escherichia coli</i> W enhances gamma-aminobutyric acid production using glycerol as the carbon source. <i>Metabolic Engineering</i> , 2022, 69, 59-72.	7.0	12
2	Single-Cell-Based Screening and Engineering of α -Amino Acid Amidohydrolases Using Artificial Amidophenol Substrates and Microbial Biosensors. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1203-1211.	5.2	4
3	Synthetic 3' UTR valves for optimal metabolic flux control in <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2022, 50, 4171-4186.	14.5	3
4	Biosensor-Based Directed Evolution of Methanol Dehydrogenase from <i>Lysinibacillus xylanilyticus</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 1471.	4.1	15
5	(\pm)-Bisabolol Production in Engineered <i>Escherichia coli</i> Expressing a Novel (\pm)-Bisabolol Synthase from the Globe Artichoke <i>Cynara cardunculus</i> var. <i>Scolymus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8492-8503.	5.2	10
6	Syntrophic co-culture of a methanotroph and heterotroph for the efficient conversion of methane to mevalonate. <i>Metabolic Engineering</i> , 2021, 67, 285-292.	7.0	17
7	Engineering <i>Bacteroides thetaiotaomicron</i> to produce non-native butyrate based on a genome-scale metabolic model-guided design. <i>Metabolic Engineering</i> , 2021, 68, 174-186.	7.0	13
8	Ageing and rejuvenation models reveal changes in key microbial communities associated with healthy ageing. <i>Microbiome</i> , 2021, 9, 240.	11.1	49
9	CRISPR interference-mediated gene regulation in <i>Pseudomonas putida</i> KT2440. <i>Microbial Biotechnology</i> , 2020, 13, 210-221.	4.2	30
10	A designed whole-cell biosensor for live diagnosis of gut inflammation through nitrate sensing. <i>Biosensors and Bioelectronics</i> , 2020, 168, 112523.	10.1	58
11	Adaptive laboratory evolution of <i>Escherichia coli</i> lacking cellular byproduct formation for enhanced acetate utilization through compensatory ATP consumption. <i>Metabolic Engineering</i> , 2020, 62, 249-259.	7.0	26
12	Machine learning linked evolutionary biosensor array for highly sensitive and specific molecular identification. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112670.	10.1	21
13	Genetically Encoded Biosensor-Based Screening for Directed Bacteriophage T4 Lysozyme Evolution. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8668.	4.1	3
14	Sensitive and Rapid Phenotyping of Microbes With Soluble Methane Monooxygenase Using a Droplet-Based Assay. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 358.	4.1	11
15	Tetrameric architecture of an active phenol-bound form of the AAA+ transcriptional regulator DmpR. <i>Nature Communications</i> , 2020, 11, 2728.	12.8	12
16	Hydrogel-Based Colorimetric Assay for Multiplexed MicroRNA Detection in a Microfluidic Device. <i>Analytical Chemistry</i> , 2020, 92, 5750-5755.	6.5	54
17	Discovery and Biochemical Characterization of a Methanol Dehydrogenase From <i>Lysinibacillus xylanilyticus</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 67.	4.1	13
18	Engineering Biology to Construct Microbial Chassis for the Production of Difficult-to-Express Proteins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 990.	4.1	25

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19	Acclimation of bacterial cell state for high-throughput enzyme engineering using a DmpR-dependent transcriptional activation system. <i>Scientific Reports</i> , 2020, 10, 6091.	3.3	9
20	Complete Genome Sequence of <i>Methylomonas koyamae</i> LM6, a Potential Aerobic Methanotroph. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2
21	Antagonistic Control of Genetic Circuit Performance for Rapid Analysis of Targeted Enzyme Activity in Living Cells. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 599878.	3.5	2
22	A human pathogenic bacterium <i>Shigella</i> proliferates in plants through adoption of type III effectors for shigellosis. <i>Plant, Cell and Environment</i> , 2019, 42, 2962-2978.	5.7	18
23	Biological Valorization of Poly(ethylene terephthalate) Monomers for Upcycling Waste PET. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19396-19406.	6.7	141
24	Evaluation of Feasibility of Using the Bacteriophage T4 Lysozyme to Improve the Hydrolysis and Biochemical Methane Potential of Secondary Sludge. <i>Energies</i> , 2019, 12, 3644.	3.1	8
25	C1 Compound Biosensors: Design, Functional Study, and Applications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2253.	4.1	14
26	Enhanced (S)- α -Bisabolol Productivity by Efficient Conversion of Mevalonate in <i>Escherichia coli</i> . <i>Catalysts</i> , 2019, 9, 432.	3.5	13
27	<i>Thermomonas aquatica</i> sp. nov., isolated from an industrial wastewater treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3399-3404.	1.7	15
28	Evolution of enzymes with new specificity by high-throughput screening using DmpR-based genetic circuits and multiple flow cytometry rounds. <i>Scientific Reports</i> , 2018, 8, 2659.	3.3	30
29	Development of a novel cellulase biosensor that detects crystalline cellulose hydrolysis using a transcriptional regulator. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1328-1334.	2.1	16
30	Tyrosine-fused protein body formation for spatial organization of metabolic pathways in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2018, 115, 694-704.	3.3	17
31	Construction of a <i>Vitreoscilla</i> Hemoglobin Promoter-Based Tunable Expression System for <i>Corynebacterium glutamicum</i> . <i>Catalysts</i> , 2018, 8, 561.	3.5	10
32	Complete Genome Sequence of the Soil Bacterium <i>Pseudomonas kribbensis</i> Strain 46-2. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	4
33	A synthetic microbial biosensor for high-throughput screening of lactam biocatalysts. <i>Nature Communications</i> , 2018, 9, 5053.	12.8	77
34	A Genetically Encoded Biosensor for Monitoring Isoprene Production in Engineered <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 2379-2390.	3.8	48
35	Development of <i>Bacillus methanolicus</i> methanol dehydrogenase with improved formaldehyde reduction activity. <i>Scientific Reports</i> , 2018, 8, 12483.	3.3	3
36	Effect of PelB signal sequences on Pfe1 expression and 10-hydroxyundec-9-enoic acid biotransformation in recombinant <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7407-7416.	3.6	5

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37	Structural and functional analyses of the cellulase transcription regulator CelR. <i>FEBS Letters</i> , 2018, 592, 2776-2785.	2.8	3
38	Molecular and biochemical characterization of a novel isoprene synthase from <i>Metrosideros polymorpha</i> . <i>BMC Plant Biology</i> , 2018, 18, 118.	3.6	9
39	<i>Tabrizicola fusiformis</i> sp. nov., isolated from an industrial wastewater treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1800-1805.	1.7	16
40	Tunable Control of an <i>Escherichia coli</i> Expression System for the Overproduction of Membrane Proteins by Titrated Expression of a Mutant <i>lac</i> Repressor. <i>ACS Synthetic Biology</i> , 2017, 6, 1766-1773.	3.8	22
41	Efficient Transcriptional Gene Repression by Type V-A CRISPR-Cpf1 from <i>Eubacterium eligens</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 1273-1282.	3.8	69
42	Leucine zipper-mediated targeting of multi-enzyme cascade reactions to inclusion bodies in <i>Escherichia coli</i> for enhanced production of 1-butanol. <i>Metabolic Engineering</i> , 2017, 40, 41-49.	7.0	31
43	Alkaline phosphatase-fused reebody as a new format of immuno-reagent for an immunoassay. <i>Analytica Chimica Acta</i> , 2017, 950, 184-191.	5.4	13
44	Enhanced production of xylitol from xylose by expression of <i>Bacillus subtilis</i> arabinose:H + symporter and <i>Scheffersomyces stipitis</i> xylose reductase in recombinant <i>Saccharomyces cerevisiae</i> . <i>Enzyme and Microbial Technology</i> , 2017, 107, 7-14.	3.2	23
45	Production of d -ribose by metabolically engineered <i>Escherichia coli</i> . <i>Process Biochemistry</i> , 2017, 52, 73-77.	3.7	9
46	Controlled Aggregation and Increased Stability of β -Glucuronidase by Cellulose Binding Domain Fusion. <i>PLoS ONE</i> , 2017, 12, e0170398.	2.5	8
47	CRISPR interference-guided multiplex repression of endogenous competing pathway genes for redirecting metabolic flux in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2017, 16, 188.	4.0	68
48	Structural Analysis of the Phenol-Responsive Sensory Domain of the Transcription Activator PoxR. <i>Structure</i> , 2016, 24, 624-630.	3.3	15
49	<i>Pseudomonas kribbensis</i> sp. nov., isolated from garden soils in Daejeon, Korea. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1433-1446.	1.7	12
50	A Cell-Cell Communication-Based Screening System for Novel Microbes with Target Enzyme Activities. <i>ACS Synthetic Biology</i> , 2016, 5, 1231-1238.	3.8	13
51	CRISPR interference-guided balancing of a biosynthetic mevalonate pathway increases terpenoid production. <i>Metabolic Engineering</i> , 2016, 38, 228-240.	7.0	132
52	Fermentative production and direct extraction of (\pm) -bisabolol in metabolically engineered <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2016, 15, 185.	4.0	44
53	A molecular nanodevice for targeted degradation of mRNA during protein synthesis. <i>Scientific Reports</i> , 2016, 6, 20733.	3.3	5
54	Multi-enzyme Screening Using a High-throughput Genetic Enzyme Screening System. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	4

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55	Improved metagenome screening efficiency by random insertion of T7 promoters. <i>Journal of Biotechnology</i> , 2016, 230, 47-53.	3.8	8
56	TRAIL-Induced Caspase Activation Is a Prerequisite for Activation of the Endoplasmic Reticulum Stress-Induced Signal Transduction Pathways. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1078-1091.	2.6	11
57	Fumarate-Mediated Persistence of <i>Escherichia coli</i> against Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2232-2240.	3.2	37
58	Molecular Insights into Toluene Sensing in the TodS/TodT Signal Transduction System. <i>Journal of Biological Chemistry</i> , 2016, 291, 8575-8590.	3.4	24
59	Long-Term Stable and Tightly Controlled Expression of Recombinant Proteins in Antibiotics-Free Conditions. <i>PLoS ONE</i> , 2016, 11, e0166890.	2.5	4
60	Toward Complete Bacterial Genome Sequencing Through the Combined Use of Multiple Next-Generation Sequencing Platforms. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 207-212.	2.1	7
61	Comparative genomics and experimental evolution of <i>Escherichia coli</i> BL21(DE3) strains reveal the landscape of toxicity escape from membrane protein overproduction. <i>Scientific Reports</i> , 2015, 5, 16076.	3.3	73
62	A critical element of the light-induced quaternary structural changes in λ Y<A>LOV. <i>Protein Science</i> , 2015, 24, 1997-2007.	7.6	6
63	A novel psychrophilic alkaline phosphatase from the metagenome of tidal flat sediments. <i>BMC Biotechnology</i> , 2015, 15, 1.	3.3	100
64	Optimizing promoters and secretory signal sequences for producing ethanol from inulin by recombinant <i>Saccharomyces cerevisiae</i> carrying <i>Kluyveromyces marxianus</i> inulinase. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 263-272.	3.4	22
65	Ratiometric analyses at critical temperatures can magnify the signal intensity of FRET-based sugar sensors with periplasmic binding proteins. <i>Biosensors and Bioelectronics</i> , 2015, 72, 37-43.	10.1	4
66	A portable FRET analyzer for rapid detection of sugar content. <i>Analyst</i> , 2015, 140, 3384-3389.	3.5	4
67	Genetic Enzyme Screening System: A Method for High-Throughput Functional Screening of Novel Enzymes from Metagenomic Libraries. <i>Springer Protocols</i> , 2015, , 3-12.	0.3	1
68	Enhanced Bacterial β (2,6)-Sialyltransferase Reaction through an Inhibition of Its Inherent Sialidase Activity by Dephosphorylation of Cytidine-5'-Monophosphate. <i>PLoS ONE</i> , 2015, 10, e0133739.	2.5	8
69	Light-Regulated Tetracycline Binding to the Tet Repressor. <i>Chemistry - A European Journal</i> , 2014, 20, 2508-2514.	3.3	9
70	Controlled Localization of Functionally Active Proteins to Inclusion Bodies Using Leucine Zippers. <i>PLoS ONE</i> , 2014, 9, e97093.	2.5	12
71	A High-Affinity Protein Binder that Blocks the IL-6/STAT3 Signaling Pathway Effectively Suppresses Non-Small Cell Lung Cancer. <i>Molecular Therapy</i> , 2014, 22, 1254-1265.	8.2	68
72	The structural basis for the negative regulation of thioredoxin by thioredoxin-interacting protein. <i>Nature Communications</i> , 2014, 5, 2958.	12.8	114

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73	Toward a Generalized and High-throughput Enzyme Screening System Based on Artificial Genetic Circuits. <i>ACS Synthetic Biology</i> , 2014, 3, 163-171.	3.8	77
74	Molecular cloning and characterization of two novel fructose-specific transporters from the osmotolerant and fructophilic yeast <i>Candida magnoliae</i> JH110. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3569-3578.	3.6	11
75	The weight-bearing scanogram technique provides better coronal limb alignment than the navigation technique in open high tibial osteotomy. <i>Knee</i> , 2014, 21, 451-455.	1.6	64
76	The Activated SA and JA Signaling Pathways Have an Influence on flg22-Triggered Oxidative Burst and Callose Deposition. <i>PLoS ONE</i> , 2014, 9, e88951.	2.5	135
77	Enzyme-linked assay of cellulose-binding domain functions from <i>Cellulomonas fimi</i> on multi-well microtiter plate. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 575-580.	2.6	5
78	Efficient Adhesion-Based Plasma Membrane Isolation for Cell Surface N-Glycan Analysis. <i>Analytical Chemistry</i> , 2013, 85, 7462-7470.	6.5	22
79	Engineered heterologous FPP synthases-mediated Z,E-FPP synthesis in <i>E. coli</i> . <i>Metabolic Engineering</i> , 2013, 18, 53-59.	7.0	29
80	The Genome Organization of <i>Thermotoga maritima</i> Reflects Its Lifestyle. <i>PLoS Genetics</i> , 2013, 9, e1003485.	3.5	38
81	Generating In Vivo Cloning Vectors for Parallel Cloning of Large Gene Clusters by Homologous Recombination. <i>PLoS ONE</i> , 2013, 8, e79979.	2.5	5
82	Genome Sequence of the Thermotolerant Yeast <i>Kluyveromyces marxianus</i> var. <i>marxianus</i> KCTC 17555. <i>Eukaryotic Cell</i> , 2012, 11, 1584-1585.	3.4	65
83	Role of Junctin Protein Interactions in Cellular Dynamics of Calsequestrin Polymer upon Calcium Perturbation. <i>Journal of Biological Chemistry</i> , 2012, 287, 1679-1687.	3.4	30
84	Complete Genome Sequence of the Probiotic Bacterium <i>Bifidobacterium bifidum</i> Strain BGN4. <i>Journal of Bacteriology</i> , 2012, 194, 4757-4758.	2.2	18
85	High-throughput screening system based on phenolics-responsive transcription activator for directed evolution of organophosphate-degrading enzymes. <i>Protein Engineering, Design and Selection</i> , 2012, 25, 725-731.	2.1	30
86	Comparative multi-omics systems analysis of <i>Escherichia coli</i> strains B and K-12. <i>Genome Biology</i> , 2012, 13, R37.	9.6	155
87	Mesh-integrated microdroplet array for simultaneous merging and storage of single-cell droplets. <i>Lab on A Chip</i> , 2012, 12, 1594.	6.0	31
88	Inducible Biosynthetic Nanoscaffolds as Recruitment Platforms for Detecting Molecular Target Interactions inside Living Cells. <i>Journal of the American Chemical Society</i> , 2012, 134, 11346-11349.	13.7	3
89	Network Context and Selection in the Evolution to Enzyme Specificity. <i>Science</i> , 2012, 337, 1101-1104.	12.6	249
90	A novel fluorescent reporter system for monitoring and identifying RNase III activity and its target RNAs. <i>RNA Biology</i> , 2012, 9, 1167-1176.	3.1	6

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91	Quantitative analyses of individual sugars in mixture using FRET-based biosensors. <i>Biotechnology Progress</i> , 2012, 28, 1376-1383.	2.6	6
92	Design of a binding scaffold based on variable lymphocyte receptors of jawless vertebrates by module engineering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3299-3304.	7.1	129
93	Development of fluorescent probes for the detection of fucosylated N-glycans using an <i>Aspergillus oryzae</i> lectin. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 251-260.	3.6	15
94	Algorithm for Predicting Functionally Equivalent Proteins from BLAST and HMMER Searches. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 1054-1058.	2.1	6
95	Cumulative Number of Cell Divisions as a Meaningful Timescale for Adaptive Laboratory Evolution of <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2011, 6, e26172.	2.5	50
96	A novel bifunctional endo-/exo-type cellulase from an anaerobic ruminal bacterium. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 1453-1462.	3.6	38
97	Generation of catalytic protein particles in <i>Escherichia coli</i> cells using the cellulose-binding domain from <i>Cellulomonas fimi</i> as a fusion partner. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 1173-1179.	2.6	24
98	Small-Molecule-Based Nanoassemblies as Inducible Nanoprobes for Monitoring Dynamic Molecular Interactions Inside Live Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8709-8713.	13.8	13
99	Cloning and Characterization of a Glyoxalase I Gene from the Osmotolerant Yeast <i>Candida magnoliae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 277-283.	2.1	2
100	Catalytic properties of a GH10 endo- β -1,4-xylanase from <i>Streptomyces thermocarboxyidus</i> HY-15 isolated from the gut of <i>Eisenia fetida</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 62, 32-39.	1.8	33
101	Adaptive Evolution of <i>Escherichia coli</i> K-12 MG1655 during Growth on a Nonnative Carbon Source, 1,2-Propanediol. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4158-4168.	3.1	140
102	Random breakup of microdroplets for single-cell encapsulation. <i>Applied Physics Letters</i> , 2010, 97, 153703.	3.3	29
103	Molecular cloning and biochemical characterization of a novel erythrose reductase from <i>Candida magnoliae</i> JH110. <i>Microbial Cell Factories</i> , 2010, 9, 43.	4.0	32
104	Development of a nanoparticle-based FRET sensor for ultrasensitive detection of phytoestrogen compounds. <i>Analyst</i> , 2010, 135, 2879.	3.5	14
105	Mixed-substrate (glycerol tributyrate and fibrin) zymography for simultaneous detection of lipolytic and proteolytic enzymes on a single gel. <i>Electrophoresis</i> , 2009, 30, 2234-2237.	2.4	15
106	Identification of a serine protease from a <i>Bacillus</i> sp. using multiple loading of O TM Farrell-type isoelectric focusing slab two-dimensional gel. <i>Biotechnology Letters</i> , 2009, 31, 975-978.	2.2	0
107	Folding machineries displayed on a cation-exchanger for the concerted refolding of cysteine- or proline-rich proteins. <i>BMC Biotechnology</i> , 2009, 9, 27.	3.3	9
108	Simultaneous improvement of catalytic activity and thermal stability of tyrosine phenolase by directed evolution. <i>FEBS Journal</i> , 2009, 276, 6187-6194.	4.7	27

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109	Multiple-layer substrate zymography for detection of several enzymes in a single sodium dodecyl sulfate gel. <i>Analytical Biochemistry</i> , 2009, 386, 121-122.	2.4	22
110	On the structural and functional modularity of glycinamide ribonucleotide formyltransferases. <i>Protein Science</i> , 2009, 12, 2206-2214.	7.6	6
111	Solid-Phase Refolding of Cyclodextrin Glycosyltransferase Adsorbed on Cation-Exchange Resin. <i>Biotechnology Progress</i> , 2008, 20, 277-283.	2.6	35
112	Role of p53, PUMA, and Bax in wogonin-induced apoptosis in human cancer cells. <i>Biochemical Pharmacology</i> , 2008, 75, 2020-2033.	4.4	119
113	Cloning and characterization of <i>CmGPD1</i> , the <i>Candida magnoliae</i> homologue of glycerol-3-phosphate dehydrogenase. <i>FEMS Yeast Research</i> , 2008, 8, 1324-1333.	2.3	12
114	Structural Insight into Bioremediation of Triphenylmethane Dyes by <i>Citrobacter</i> sp. Triphenylmethane Reductase. <i>Journal of Biological Chemistry</i> , 2008, 283, 31981-31990.	3.4	36
115	Proteomic analysis of fructophilic properties of osmotolerant <i>Candida magnoliae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 248-54.	2.1	3
116	<i>Aestuariimicrobium kwangyangense</i> gen. nov., sp. nov., an lI-diaminopimelic acid-containing bacterium isolated from tidal flat sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2114-2118.	1.7	29
117	Design and Application of Highly Responsive Fluorescence Resonance Energy Transfer Biosensors for Detection of Sugar in Living <i>Saccharomyces cerevisiae</i> Cells. <i>Applied and Environmental Microbiology</i> , 2007, 73, 7408-7414.	3.1	46
118	Proteome analysis of recombinant <i>Escherichia coli</i> producing human glucagon-like peptide-1. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 849, 323-330.	2.3	5
119	Cloning of <i>srfA</i> operon from <i>Bacillus subtilis</i> C9 and its expression in <i>E. coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 567-572.	3.6	12
120	Inactivation of tyrosine phenol-lyase by Pictet-Spengler reaction and alleviation by T15A mutation on intertwined N-terminal arm. <i>FEBS Journal</i> , 2006, 273, 5564-5573.	4.7	14
121	Application of poly-arginine fused minichaperone to renaturation of cyclodextrin glycosyltransferase expressed in recombinant <i>Escherichia coli</i> . <i>Enzyme and Microbial Technology</i> , 2006, 39, 459-465.	3.2	7
122	Selective Utilization of Fructose to Glucose by <i>Candida magnoliae</i> , an Erythritol Producer. <i>Applied Biochemistry and Biotechnology</i> , 2006, 131, 870-879.	2.9	23
123	<i>Kribbia dieselivorans</i> gen. nov., sp. nov., a novel member of the family Intrasporangiaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2427-2432.	1.7	42
124	Functional and Structural Characterization of Thermostable d -Amino Acid Aminotransferases from <i>Geobacillus</i> spp. <i>Applied and Environmental Microbiology</i> , 2006, 72, 1588-1594.	3.1	23
125	Selective Utilization of Fructose to Glucose by <i>Candida magnoliae</i> , an Erythritol Producer. , 2006, , 870-879.		1
126	Proteomics and physiology of erythritol-producing strains. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 815, 251-260.	2.3	26

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127	Simultaneous Biocatalyst Production and Baeyer-Villiger Oxidation for Bioconversion of Cyclohexanone by Recombinant <i>Escherichia coli</i> Expressing Cyclohexanone Monooxygenase. <i>Applied Biochemistry and Biotechnology</i> , 2005, 123, 0827-0836.	2.9	15
128	Production of cyclodextrin by poly-lysine fused <i>Bacillus macerans</i> cyclodextrin glycosyltransferase immobilized on cation exchanger. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2005, 34, 39-43.	1.8	13
129	Production of a Monoclonal Antibody against Ochratoxin A and Its Application to Immunochromatographic Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8447-8451.	5.2	98
130	Simultaneous Biocatalyst Production and Baeyer-Villiger Oxidation for Bioconversion of Cyclohexanone by Recombinant <i>Escherichia coli</i> Expressing Cyclohexanone Monooxygenase. , 2005, , 827-836.		0
131	Coexpression of folding accessory proteins for production of active cyclodextrin glycosyltransferase of <i>Bacillus macerans</i> in recombinant <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2005, 41, 426-432.	1.3	50
132	Strategic proteome analysis of <i>Candida magnoliae</i> with an unsequenced genome. <i>Proteomics</i> , 2004, 4, 3588-3599.	2.2	25
133	Cloning, expression, and characterization of single-chain variable fragment antibody against mycotoxin deoxynivalenol in recombinant <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2004, 35, 84-92.	1.3	59
134	Thermostable glutamate dehydrogenase from a commensal thermophile, <i>Symbiobacterium toebii</i> ; overproduction, characterization, and application. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 26, 231-240.	1.8	3
135	New thermostable d-methionine amidase from <i>Brevibacillus borstelensis</i> BCS-1 and its application for d-phenylalanine production. <i>Enzyme and Microbial Technology</i> , 2003, 32, 131-139.	3.2	36
136	Characterization of a Thermostable d -Stereospecific Alanine Amidase from <i>Brevibacillus borstelensis</i> BCS-1. <i>Applied and Environmental Microbiology</i> , 2003, 69, 980-986.	3.1	27
137	Application of a thermostable glutamate racemase from <i>Bacillus</i> sp. SK-1 for the production of d-phenylalanine in a multi-enzyme system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002, 17, 223-233.	1.8	20
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