

Sheng Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

4,909
citations

39
h-index

66
g-index

134
ext. papers

5,894
ext. citations

5.8
avg. IF

5.69
L-index

#	Paper	IF	Citations
125	Application and Evaluation of the Flipped Classroom Based on Micro-Video Class in Pharmacology Teaching.. <i>Frontiers in Public Health</i> , 2022 , 10, 838900	6	1
124	Genome Editing of <i>Corynebacterium glutamicum</i> Using CRISPR-Cpf1 System.. <i>Methods in Molecular Biology</i> , 2022 , 2479, 189-206	1.4	
123	<i>Vibrio natriegens</i> as a host for rapid biotechnology. <i>Trends in Biotechnology</i> , 2021 ,	15.1	2
122	Recent progress on n-butanol production by lactic acid bacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2021 , 37, 205	4.4	0
121	A modified pCas/pTargetF system for CRISPR-Cas9-assisted genome editing in <i>Escherichia coli</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2021 , 53, 620-627	2.8	7
120	Advances and Perspectives for Genome Editing Tools of. <i>Frontiers in Microbiology</i> , 2021 , 12, 654058	5.7	5
119	Strategies for optimizing acetyl-CoA formation from glucose in bacteria. <i>Trends in Biotechnology</i> , 2021 ,	15.1	3
118	Engineering the oleaginous yeast <i>Yarrowia lipolytica</i> for β -farnesene overproduction. <i>Biotechnology Journal</i> , 2021 , 16, e2100097	5.6	8
117	A novel global transcriptional perturbation target identified by forward genetics reprograms <i>Vibrio natriegens</i> for improving recombinant protein production. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021 , 53, 1124-1133	2.8	1
116	Developing <i>Clostridia</i> as Cell Factories for Short- and Medium-Chain Ester Production. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 661694	5.8	1
115	Programming Cells by Multicopy Chromosomal Integration Using CRISPR-Associated Transposases. <i>CRISPR Journal</i> , 2021 , 4, 350-359	2.5	2
114	Downregulation of T7 RNA polymerase transcription enhances pET-based recombinant protein production in <i>Escherichia coli</i> BL21 (DE3) by suppressing autolysis. <i>Biotechnology and Bioengineering</i> , 2021 , 118, 153-163	4.9	5
113	Reducing glucoamylase usage for commercial-scale ethanol production from starch using glucoamylase expressing <i>Saccharomyces cerevisiae</i> . <i>Bioresources and Bioprocessing</i> , 2021 , 8,	5.2	3
112	as a pET-Compatible Expression Host Complementary to. <i>Frontiers in Microbiology</i> , 2021 , 12, 627181	5.7	5
111	Detection, Structural Elucidation, and Biological Effects of Diverse γ -Acyl-homoserine Lactone Signaling Molecules in the Plant-Promoting Endophytic Bacterium M15. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 9693-9705	5.7	1
110	Orthogonal CRISPR-associated transposases for parallel and multiplexed chromosomal integration. <i>Nucleic Acids Research</i> , 2021 , 49, 10192-10202	20.1	2
109	Multicopy Chromosomal Integration Using CRISPR-Associated Transposases. <i>ACS Synthetic Biology</i> , 2020 , 9, 1998-2008	5.7	20

108	Combined evolutionary engineering and genetic manipulation improve low pH tolerance and butanol production in a synthetic microbial Clostridium community. <i>Biotechnology and Bioengineering</i> , 2020 , 117, 2008-2022	4.9	15
107	Metabolic Engineering and Adaptive Evolution of To Increase Solvent Production from Corn Stover Hydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 7916-7925	5.7	4
106	Engineering of for l-Proline Production. <i>ACS Synthetic Biology</i> , 2020 , 9, 1897-1906	5.7	12
105	Metabolic Engineering of to Improve Butanol Production by Consolidated Bioprocessing. <i>ACS Synthetic Biology</i> , 2020 , 9, 304-315	5.7	20
104	Engineered Recombinant Probiotic Strains Integrated with F4 and F18 Fimbriae Cluster Genes in the Chromosome and Their Assessment of Immunogenic Efficacy. <i>ACS Synthetic Biology</i> , 2020 , 9, 412-426	5.7	7
103	New Mutations Involved in Colistin Resistance in <i>Acinetobacter baumannii</i> . <i>MSphere</i> , 2020 , 5,	5	11
102	Consolidated bioprocessing for butanol production of cellulolytic Clostridia: development and optimization. <i>Microbial Biotechnology</i> , 2020 , 13, 410-422	6.3	22
101	Optimization of n-butanol synthesis in <i>Lactobacillus brevis</i> via the functional expression of thl, hbd, crt and ter. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2020 , 47, 1099-1108	4.2	2
100	TargetTron Technology Applicable in Solventogenic Clostridia: Revisiting 12 Years Advances. <i>Biotechnology Journal</i> , 2020 , 15, e1900284	5.6	10
99	Improved -Butanol Production from Clostridium cellulovorans by Integrated Metabolic and Evolutionary Engineering. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	53
98	The cell line ontology-based representation, integration and analysis of cell lines used in China. <i>BMC Bioinformatics</i> , 2019 , 20, 179	3.6	3
97	Biochemical engineering in China. <i>Reviews in Chemical Engineering</i> , 2019 , 35, 929-993	5	1
96	Constructing a synthetic pathway for acetyl-coenzyme A from one-carbon through enzyme design. <i>Nature Communications</i> , 2019 , 10, 1378	17.4	58
95	Development of a RecE/T-Assisted CRISPR-Cas9 Toolbox for <i>Lactobacillus</i> . <i>Biotechnology Journal</i> , 2019 , 14, e1800690	5.6	31
94	CRISPR-Cas9 nickase-assisted base editing in the solvent producer <i>Clostridium beijerinckii</i> . <i>Biotechnology and Bioengineering</i> , 2019 , 116, 1475-1483	4.9	38
93	Disruption of stcA blocks sterigmatocystin biosynthesis and improves echinocandin B production in <i>Aspergillus delacroxii</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2019 , 35, 109	4.4	3
92	Unraveling the genetic basis of fast l-arabinose consumption on top of recombinant xylose-fermenting <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2019 , 116, 283-293	4.9	15
91	Phage serine integrase-mediated genome engineering for efficient expression of chemical biosynthetic pathway in gas-fermenting <i>Clostridium ljungdahlii</i> . <i>Metabolic Engineering</i> , 2019 , 52, 293-302	9.7	40

90	Genome editing and transcriptional repression in <i>Pseudomonas putida</i> KT2440 via the type II CRISPR system. <i>Microbial Cell Factories</i> , 2018 , 17, 41	6.4	57
89	A CRISPR-Cpf1-Assisted Non-Homologous End Joining Genome Editing System of <i>Mycobacterium smegmatis</i> . <i>Biotechnology Journal</i> , 2018 , 13, e1700588	5.6	37
88	Implementation of the CRISPR-Cas13a system in fission yeast and its repurposing for precise RNA editing. <i>Nucleic Acids Research</i> , 2018 , 46, e90	20.1	31
87	A Flexible Binding Site Architecture Provides New Insights into CcpA Global Regulation in Gram-Positive Bacteria. <i>MBio</i> , 2017 , 8,	7.8	23
86	Comparative analysis of <i>Corynebacterium glutamicum</i> genomes: a new perspective for the industrial production of amino acids. <i>BMC Genomics</i> , 2017 , 18, 940	4.5	27
85	Genetic biosensors for small-molecule products: Design and applications in high-throughput screening. <i>Frontiers of Chemical Science and Engineering</i> , 2017 , 11, 15-26	4.5	15
84	Iterative integration of multiple-copy pathway genes in <i>Yarrowia lipolytica</i> for heterologous β -carotene production. <i>Metabolic Engineering</i> , 2017 , 41, 192-201	9.7	139
83	CRISPR-Cpf1 assisted genome editing of <i>Corynebacterium glutamicum</i> . <i>Nature Communications</i> , 2017 , 8, 15179	17.4	198
82	Production of β -carotene by expressing a heterologous multifunctional carotene synthase in <i>Yarrowia lipolytica</i> . <i>Biotechnology Letters</i> , 2017 , 39, 921-927	3	23
81	CRISPR-Cas9 Nickase-Assisted Genome Editing in <i>Lactobacillus casei</i> . <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	84
80	<i>Streptomyces virginiae</i> PPDC Is a New Type of Phenylpyruvate Decarboxylase Composed of Two Subunits. <i>ACS Chemical Biology</i> , 2017 , 12, 2008-2014	4.9	1
79	CRISPR/Cas9-based efficient genome editing in <i>Staphylococcus aureus</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2017 , 49, 764-770	2.8	15
78	Efficient multi-enzyme-catalyzed CDP-choline production driven by an ATP donor module. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 1409-1417	5.7	12
77	Enhanced solvent production by metabolic engineering of a twin-clostridial consortium. <i>Metabolic Engineering</i> , 2017 , 39, 38-48	9.7	83
76	A recyclable biotransformation system for L-2-aminobutyric acid production based on immobilized enzyme technology. <i>Biotechnology Letters</i> , 2016 , 38, 123-9	3	10
75	Enzymatic Production of Glutathione by Bifunctional γ -Glutamylcysteine Synthetase/Glutathione Synthetase Coupled with In Vitro Acetate Kinase-Based ATP Generation. <i>Applied Biochemistry and Biotechnology</i> , 2016 , 180, 1446-1455	3.2	8
74	Roles of three AbrBs in regulating two-phase <i>Clostridium acetobutylicum</i> fermentation. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 9081-9089	5.7	11
73	CRISPR/Cas9-Based Efficient Genome Editing in <i>Clostridium ljungdahlii</i> , an Autotrophic Gas-Fermenting Bacterium. <i>ACS Synthetic Biology</i> , 2016 , 5, 1355-1361	5.7	128

72	Multiplex gene editing of the <i>Yarrowia lipolytica</i> genome using the CRISPR-Cas9 system. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 1085-93	4.2	121
71	PTS regulation domain-containing transcriptional activator CelR and sigma factor (54) control cellobiose utilization in <i>Clostridium acetobutylicum</i> . <i>Molecular Microbiology</i> , 2016 , 100, 289-302	4.1	15
70	Improving the performance of solventogenic clostridia by reinforcing the biotin synthetic pathway. <i>Metabolic Engineering</i> , 2016 , 35, 121-128	9.7	14
69	Development of an inducible transposon system for efficient random mutagenesis in <i>Clostridium acetobutylicum</i> . <i>FEMS Microbiology Letters</i> , 2016 , 363,	2.9	12
68	Complete genome sequence of nucleoside producing strain <i>Corynebacterium stationis</i> ATCC 6872. <i>Journal of Biotechnology</i> , 2016 , 225, 57-8	3.7	1
67	Synergy between methylerythritol phosphate pathway and mevalonate pathway for isoprene production in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2016 , 37, 79-91	9.7	91
66	Tailor-made biocatalysts enzymes for the fine chemical industry in China. <i>Biotechnology Journal</i> , 2016 , 11, 1121-3	5.6	3
65	CRISPR-based genome editing and expression control systems in <i>Clostridium acetobutylicum</i> and <i>Clostridium beijerinckii</i> . <i>Biotechnology Journal</i> , 2016 , 11, 961-72	5.6	114
64	Mutagenesis of Key Residues in the Binding Center of l-Aspartate-b-Semialdehyde Dehydrogenase from <i>Escherichia coli</i> Enhances Utilization of the Cofactor NAD(H). <i>ChemBioChem</i> , 2016 , 17, 56-64	3.8	13
63	A stepwise increase in pristinamycin II biosynthesis by <i>Streptomyces pristinaespiralis</i> through combinatorial metabolic engineering. <i>Metabolic Engineering</i> , 2015 , 29, 12-25	9.7	57
62	Genotyping of amino acid-producing <i>Corynebacterium glutamicum</i> strains based on multi-locus sequence typing (MLST) scheme. <i>Bioresources and Bioprocessing</i> , 2015 , 2,	5.2	34
61	Complete genome sequence of <i>Clostridium carboxidivorans</i> P7(T), a syngas-fermenting bacterium capable of producing long-chain alcohols. <i>Journal of Biotechnology</i> , 2015 , 211, 44-5	3.7	24
60	A novel transposable Mu-like prophage in <i>Bacillus alcalophilus</i> CGMCC 1.3604 (ATCC 27647). <i>Virologica Sinica</i> , 2015 , 30, 63-5	6.4	1
59	Comparative analysis of rapamycin biosynthesis clusters between <i>Actinoplanes</i> sp. N902-109 and <i>Streptomyces hygrosopicus</i> ATCC29253. <i>Chinese Journal of Natural Medicines</i> , 2015 , 13, 90-8	2.8	10
58	Current status and prospects of industrial bio-production of n-butanol in China. <i>Biotechnology Advances</i> , 2015 , 33, 1493-501	17.8	118
57	Characterization of plasmid pXL100 from <i>Amycolatopsis orientalis</i> HCCB10007 and construction of a shuttle vector. <i>Journal of Basic Microbiology</i> , 2015 , 55, 247-54	2.7	5
56	I-SceI-mediated scarless gene modification via allelic exchange in <i>Clostridium</i> . <i>Journal of Microbiological Methods</i> , 2015 , 108, 49-60	2.8	33
55	A novel three-component system-based regulatory model for D-xylose sensing and transport in <i>Clostridium beijerinckii</i> . <i>Molecular Microbiology</i> , 2015 , 95, 576-89	4.1	23

54	Multigene editing in the Escherichia coli genome via the CRISPR-Cas9 system. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 2506-14	4.8	560
53	Molecular modulation of pleiotropic regulator CcpA for glucose and xylose coutilization by solvent-producing Clostridium acetobutylicum. <i>Metabolic Engineering</i> , 2015 , 28, 169-179	9.7	46
52	Utilization of economical substrate-derived carbohydrates by solventogenic clostridia: pathway dissection, regulation and engineering. <i>Current Opinion in Biotechnology</i> , 2014 , 29, 124-31	11.4	56
51	High-efficiency scarless genetic modification in Escherichia coli by using lambda red recombination and I-SceI cleavage. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 3826-34	4.8	47
50	Redox-responsive repressor Rex modulates alcohol production and oxidative stress tolerance in Clostridium acetobutylicum. <i>Journal of Bacteriology</i> , 2014 , 196, 3949-63	3.5	45
49	One-step integration of multiple genes into the oleaginous yeast Yarrowia lipolytica. <i>Biotechnology Letters</i> , 2014 , 36, 2523-8	3	59
48	Combined overexpression of genes involved in pentose phosphate pathway enables enhanced D-xylose utilization by Clostridium acetobutylicum. <i>Journal of Biotechnology</i> , 2014 , 173, 7-9	3.7	32
47	A one-pot system for production of L-2-aminobutyric acid from L-threonine by L-threonine deaminase and a NADH-regeneration system based on L-leucine dehydrogenase and formate dehydrogenase. <i>Biotechnology Letters</i> , 2014 , 36, 835-41	3	38
46	Construction of fast xylose-fermenting yeast based on industrial ethanol-producing diploid Saccharomyces cerevisiae by rational design and adaptive evolution. <i>BMC Biotechnology</i> , 2013 , 13, 110	3.5	54
45	Improvement of solvent production from xylose mother liquor by engineering the xylose metabolic pathway in Clostridium acetobutylicum EA 1018. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 171, 555-68	3.2	23
44	Differential regulation of antibiotic biosynthesis by DraR-K, a novel two-component system in Streptomyces coelicolor. <i>Molecular Microbiology</i> , 2012 , 85, 535-56	4.1	55
43	Metabolic engineering of D-xylose pathway in Clostridium beijerinckii to optimize solvent production from xylose mother liquid. <i>Metabolic Engineering</i> , 2012 , 14, 569-78	9.7	86
42	Phosphoketolase pathway for xylose catabolism in Clostridium acetobutylicum revealed by 13C metabolic flux analysis. <i>Journal of Bacteriology</i> , 2012 , 194, 5413-22	3.5	57
41	Pleiotropic functions of catabolite control protein CcpA in Butanol-producing Clostridium acetobutylicum. <i>BMC Genomics</i> , 2012 , 13, 349	4.5	50
40	Functional implementation of the posttranslational SecB-SecA protein-targeting pathway in Bacillus subtilis. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 651-9	4.8	24
39	Economical challenges to microbial producers of butanol: feedstock, butanol ratio and titer. <i>Biotechnology Journal</i> , 2011 , 6, 1348-57	5.6	91
38	Gradually accumulating beneficial mutations to improve the thermostability of N-carbamoyl-D-amino acid amidohydrolase by step-wise evolution. <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 1361-71	5.7	16
37	Removal of L-alanine from the production of L-2-aminobutyric acid by introduction of alanine racemase and D-amino acid oxidase. <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 903-10	5.7	21

36	Metabolic engineering of the L-phenylalanine pathway in Escherichia coli for the production of S- or R-mandelic acid. <i>Microbial Cell Factories</i> , 2011 , 10, 71	6.4	41
35	Comparative genomic and transcriptomic analysis revealed genetic characteristics related to solvent formation and xylose utilization in Clostridium acetobutylicum EA 2018. <i>BMC Genomics</i> , 2011 , 12, 93	4.5	69
34	An orphan histidine kinase, OhkA, regulates both secondary metabolism and morphological differentiation in Streptomyces coelicolor. <i>Journal of Bacteriology</i> , 2011 , 193, 3020-32	3.5	30
33	Confirmation and elimination of xylose metabolism bottlenecks in glucose phosphoenolpyruvate-dependent phosphotransferase system-deficient Clostridium acetobutylicum for simultaneous utilization of glucose, xylose, and arabinose. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 7886-95	4.8	115
32	Screening and characterization of butanol-tolerant micro-organisms. <i>Letters in Applied Microbiology</i> , 2010 , 50, 373-9	2.9	45
31	Coupled bioconversion for preparation of N-acetyl-D: -neuraminic acid using immobilized N-acetyl-D: -glucosamine-2-epimerase and N-acetyl-D: -neuraminic acid lyase. <i>Applied Microbiology and Biotechnology</i> , 2010 , 85, 1383-91	5.7	32
30	Reconstruction of xylose utilization pathway and regulons in Firmicutes. <i>BMC Genomics</i> , 2010 , 11, 255	4.5	87
29	Identification and inactivation of pleiotropic regulator CcpA to eliminate glucose repression of xylose utilization in Clostridium acetobutylicum. <i>Metabolic Engineering</i> , 2010 , 12, 446-54	9.7	145
28	Ammonium acetate enhances solvent production by Clostridium acetobutylicum EA 2018 using cassava as a fermentation medium. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009 , 36, 1225-32	4.2	56
27	afsQ1-Q2-sigQ is a pleiotropic but conditionally required signal transduction system for both secondary metabolism and morphological development in Streptomyces coelicolor. <i>Applied Microbiology and Biotechnology</i> , 2009 , 81, 1149-60	5.7	60
26	Improving the thermostability of N-carbamyl-D-amino acid amidohydrolase by error-prone PCR. <i>Applied Microbiology and Biotechnology</i> , 2009 , 82, 279-85	5.7	12
25	Isolation and molecular characterization of a novel D-hydantoinase from Jannaschia sp. CCS1. <i>FEBS Journal</i> , 2009 , 276, 3575-88	5.7	12
24	mazF as a counter-selectable marker for unmarked genetic modification of Pichia pastoris. <i>FEMS Yeast Research</i> , 2009 , 9, 600-9	3.1	32
23	Disruption of the acetoacetate decarboxylase gene in solvent-producing Clostridium acetobutylicum increases the butanol ratio. <i>Metabolic Engineering</i> , 2009 , 11, 284-91	9.7	198
22	Improvement of xylose utilization in Clostridium acetobutylicum via expression of the talA gene encoding transaldolase from Escherichia coli. <i>Journal of Biotechnology</i> , 2009 , 143, 284-7	3.7	47
21	Disruption of acetoacetate decarboxylase gene in solvent-producing Clostridium acetobutylicum increases butanol ratio. <i>Journal of Biotechnology</i> , 2008 , 136, S36-S37	3.7	1
20	Characterization of a negative regulator Avel for avermectin biosynthesis in Streptomyces avermitilis NRRL8165. <i>Applied Microbiology and Biotechnology</i> , 2008 , 80, 277-86	5.7	33
19	One-step purification and immobilization of his-tagged GL-7-ACA acylase. <i>Enzyme and Microbial Technology</i> , 2007 , 41, 474-479	3.8	9

18	Targeted gene disruption by use of a group II intron (targetron) vector in <i>Clostridium acetobutylicum</i> . <i>Cell Research</i> , 2007 , 17, 963-5	24.7	140
17	Increasing synthetic performance of penicillin G acylase from <i>Bacillus megaterium</i> by site-directed mutagenesis. <i>Applied Microbiology and Biotechnology</i> , 2007 , 74, 1023-30	5.7	14
16	Characterization of a novel two-component regulatory system involved in the regulation of both actinorhodin and a type I polyketide in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2007 , 77, 625-35	5.7	42
15	Directed evolution and structural analysis of N-carbamoyl-D-amino acid amidohydrolase provide insights into recombinant protein solubility in <i>Escherichia coli</i> . <i>Biochemical Journal</i> , 2007 , 402, 429-37	3.8	19
14	Construction of recombinant <i>Escherichia coli</i> D11/pMSTO and its use in enzymatic preparation of 7-aminocephalosporanic acid in one pot. <i>Journal of Biotechnology</i> , 2007 , 129, 400-5	3.7	8
13	Expression, purification, and immobilization of His-tagged D-amino acid oxidase of <i>Trigonopsis variabilis</i> in <i>Pichia pastoris</i> . <i>Applied Microbiology and Biotechnology</i> , 2006 , 70, 683-9	5.7	25
12	Expression and purification of penicillin G acylase enzymes from four different micro-organisms, and a comparative evaluation of their synthesis/hydrolysis ratios for cephalexin. <i>Protein Expression and Purification</i> , 2006 , 46, 107-13	2	25
11	Production of <i>Alcaligenes faecalis</i> penicillin G acylase in <i>Bacillus subtilis</i> WB600 (pMA5) fed with partially hydrolyzed starch. <i>Enzyme and Microbial Technology</i> , 2006 , 39, 555-560	3.8	22
10	Folding of the SARS coronavirus spike glycoprotein immunological fragment (SARS_S1b): thermodynamic and kinetic investigation correlating with three-dimensional structural modeling. <i>Biochemistry</i> , 2005 , 44, 1453-63	3.2	4
9	Construction of an integrative food-grade expression system for <i>Bacillus subtilis</i> . <i>Food Research International</i> , 2005 , 38, 251-256	7	7
8	Synthetic peptides derived from SARS coronavirus S protein with diagnostic and therapeutic potential. <i>FEBS Letters</i> , 2005 , 579, 2130-6	3.8	16
7	Improving the activity and stability of GL-7-ACA acylase CA130 by site-directed mutagenesis. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 5290-6	4.8	12
6	Cloning, overexpression, and characterization of a novel thermostable penicillin G acylase from <i>Achromobacter xylosoxidans</i> : probing the molecular basis for its high thermostability. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 2764-70	4.8	34
5	The spike protein of severe acute respiratory syndrome (SARS) is cleaved in virus infected Vero-E6 cells. <i>Cell Research</i> , 2004 , 14, 400-6	24.7	44
4	Preferential codons enhancing the expression level of human beta-defensin-2 in recombinant <i>Escherichia coli</i> . <i>Protein and Peptide Letters</i> , 2004 , 11, 339-44	1.9	39
3	Rational design of a more stable penicillin G acylase against organic cosolvent. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002 , 18, 285-290		21
2	High expression of <i>Trigonopsis variabilis</i> d-amino acid oxidase in <i>Pichia pastoris</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002 , 18, 291-297		20
1	Expression and purification of extracellular penicillin G acylase in <i>Bacillus subtilis</i> . <i>Protein Expression and Purification</i> , 2001 , 21, 60-4	2	26

