Zhi-Ming Rao

List of Publications by Year in Descending Order

116 papers	1,402 citations	21 h-index	30 g-index
138 ext. papers	1,876 ext. citations	5.6 avg, IF	4.71 L-index

#	Paper	IF	Citations
116	High-level production of the agmatine in engineered Corynebacterium crenatum with the inhibition-releasing arginine decarboxylase.. *Microbial Cell Factories*, **2022**, 21, 16	6.4	1
115	Efficient D-allulose synthesis under acidic conditions by auto-inducing expression of the tandem D-allulose 3-epimerase genes in Bacillus subtilis.. *Microbial Cell Factories*, **2022**, 21, 63	6.4	1
114	Identification of a novel cytochrome P450 17A2 enzyme catalyzing the C17α-hydroxylation of progesterone and its application in engineered Pichia pastoris. *Biochemical Engineering Journal*, **2021**, 177, 108264	4.2	0
113	Evaluation of the physicochemical properties and in vitro digestibility of the complex formed between rice starch and a novel pigment from Vaccinium bracteatum Thunb. leaf. *Food Chemistry*, **2021**, 374, 131627	8.5	0
112	Enhancing β-alanine production from glucose in genetically modified Corynebacterium glutamicum by metabolic pathway engineering. *Applied Microbiology and Biotechnology*, **2021**, 105, 9153-9166	5.7	1
111	Citrulline deiminase pathway provides ATP and boosts growth of Clostridium carboxidivorans P7. *Biotechnology for Biofuels*, **2021**, 14, 204	7.8	1
110	Isolation and Identification of an Efficient Aerobic Denitrifying Pseudomonas stutzeri Strain and Characterization of Its Nitrite Degradation. *Catalysts*, **2021**, 11, 1214	4	1
109	Semi-quantitative activity assays for high-throughput screening of higher activity gamma glutamyl transferase and enzyme immobilization to efficiently synthesize L-theanine. *Journal of Biotechnology*, **2021**, 330, 9-16	3.7	3
108	Efficient single whole-cell biotransformation for L-2-aminobutyric acid production through engineering of leucine dehydrogenase combined with expression regulation. *Bioresource Technology*, **2021**, 326, 124665	11	3
107	Comparative transcriptome analysis reveals metabolic regulation of prodigiosin in Serratia marcescens. *Systems Microbiology and Biomanufacturing*, **2021**, 1, 323-335		2
106	Enhanced production of L-arginine by improving carbamoyl phosphate supply in metabolically engineered Corynebacterium crenatum. *Applied Microbiology and Biotechnology*, **2021**, 105, 3265-3276	5.7	1
105	Engineering the 2,3-BD pathway in Bacillus subtilis by shifting the carbon flux in favor of 2,3-BD synthesis. *Biochemical Engineering Journal*, **2021**, 169, 107969	4.2	3
104	Rational engineering of the Plasmodium falciparuml-lactate dehydrogenase loop involved in catalytic proton transfer to improve chiral 2-hydroxybutyric acid production. *International Journal of Biological Macromolecules*, **2021**, 179, 71-79	7.9	1
103	Development of cellulose nanofibrils reinforced polyvinyl alcohol films incorporated with alizarin for intelligent food packaging. *International Journal of Food Science and Technology*, **2021**, 56, 4248-4257	3.8	1
102	Effect of ultrasound-assisted thawing on gelling and 3D printing properties of silver carp surimi. *Food Research International*, **2021**, 145, 110405	7	6
101	Regulator RcsB Controls Prodigiosin Synthesis and Various Cellular Processes in Serratia marcescens JNB5-1. *Applied and Environmental Microbiology*, **2021**, 87,	4.8	4
100	Identification of bottlenecks in 4-androstene-3,17-dione/1,4-androstadiene-3,17-dione synthesis by Mycobacterium neoaurum JC-12 through comparative proteomics. *Journal of Bioscience and Bioengineering*, **2021**, 131, 264-270	3.3	4

99	Integrated gene engineering synergistically improved substrate-product transport, cofactor generation and gene translation for cadaverine biosynthesis in E. coli. *International Journal of Biological Macromolecules*, **2021**, 169, 8-17	7.9	3
98	Hepatoprotective ability of tetramethylpyrazine produced by Bacillus amyloliquefaciens. *Systems Microbiology and Biomanufacturing*, **2021**, 1, 223-233		2
97	Cascade biocatalysis for production of enantiopure (S)-2-hydroxybutyric acid using recombinant Escherichia coli with a tunable multi-enzyme-coordinate expression system. *Systems Microbiology and Biomanufacturing*, **2021**, 1, 234-244		3
96	Redistribution of Intracellular Metabolic Flow in Improves Carbon Atom Economy for High-Yield 2,5-Dimethylpyrazine Production. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 2512-2521	5.7	1
95	L-valine production in Corynebacterium glutamicum based on systematic metabolic engineering: progress and prospects. *Amino Acids*, **2021**, 53, 1301-1312	3.5	0
94	Metabolic engineering of Bacillus subtilis for enhancing riboflavin production by alleviating dissolved oxygen limitation. *Bioresource Technology*, **2021**, 333, 125228	11	8
93	Enhanced Prodigiosin Production in JNB5-1 by Introduction of a Polynucleotide Fragment into the 3RUntranslated Region and Disulfide Bonds into -Methyl Transferase (PigF). *Applied and Environmental Microbiology*, **2021**, 87, e0054321	4.8	0
92	Engineering of microbial cells for L-valine production: challenges and opportunities. *Microbial Cell Factories*, **2021**, 20, 172	6.4	2
91	Vaccinium bracteatum Thunb. as a promising resource of bioactive compounds with health benefits: An updated review. *Food Chemistry*, **2021**, 356, 129738	8.5	1
90	Epsilon-poly-L-lysine: Recent Advances in Biomanufacturing and Applications. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 748976	5.8	4
89	Microbial production of riboflavin: Biotechnological advances and perspectives. *Metabolic Engineering*, **2021**, 68, 46-58	9.7	1
88	Enhancing l-glutamine production in Corynebacterium glutamicum by rational metabolic engineering combined with a two-stage pH control strategy. *Bioresource Technology*, **2021**, 341, 125799	11	4
87	MarR-type transcription factor RosR regulates glutamate metabolism network and promotes accumulation of L-glutamate in Corynebacterium glutamicum G01. *Bioresource Technology*, **2021**, 342, 125945	11	0
86	Biotechnological Innovations and Therapeutic Application of Pediococcus and Lactic Acid Bacteria: The Next-Generation Microorganism.. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 802031	5.8	1
85	PsrA is a novel regulator contributes to antibiotic synthesis, bacterial virulence, cell motility and extracellular polysaccharides production in Serratia marcescens. *Nucleic Acids Research*, **2021**,	20.1	3
84	Production of d-Tagatose by Whole-Cell Conversion of Recombinant in the Absence of Antibiotics.. *Biology*, **2021**, 10,	4.9	2
83	One-Pot Biocatalytic Preparation of Enantiopure Unusual -Amino Acids from -Hydroxy Acids via a Hydrogen-Borrowing Dual-Enzyme Cascade. *Catalysts*, **2020**, 10, 1470	4	1
82	Optimization of l-arginine purification from Corynebacterium crenatum fermentation broth. *Journal of Separation Science*, **2020**, 43, 2936-2948	3.4	2

81	Characterization of promising natural blue pigment from Vaccinium bracteatum thunb. leaves: Insights of the stability and the inhibition of □amylase. *Food Chemistry*, **2020**, 326, 126962	8.5	5
80	Directed Evolution of Ornithine Cyclodeaminase Using an EvolvR-Based Growth-Coupling Strategy for Efficient Biosynthesis of l-Proline. *ACS Synthetic Biology*, **2020**, 9, 1855-1863	5.7	9
79	Improved Prodigiosin Production by Relieving CpxR Temperature-Sensitive Inhibition. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 344	5.8	9
78	Sesame flavour baijiu: a review. *Journal of the Institute of Brewing*, **2020**, 126, 224-232	2	5
77	LysR-Type Transcriptional Regulator MetR Controls Prodigiosin Production, Methionine Biosynthesis, Cell Motility, HO Tolerance, Heat Tolerance, and Exopolysaccharide Synthesis in Serratia marcescens. *Applied and Environmental Microbiology*, **2020**, 86,	4.8	18
76	PII Signal Transduction Protein GlnK Alleviates Feedback Inhibition of -Acetyl-l-Glutamate Kinase by l-Arginine in Corynebacterium glutamicum. *Applied and Environmental Microbiology*, **2020**, 86,	4.8	6
75	Cloning and Expression of a Novel Leucine Dehydrogenase: Characterization and L--Leucine Production. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 186	5.8	7
74	Significantly enhancing production of -4-hydroxy-l-proline by integrated system engineering in. *Science Advances*, **2020**, 6, eaba2383	14.3	15
73	A Negative Regulator of Carotenogenesis in. *Applied and Environmental Microbiology*, **2020**, 86,	4.8	5
72	Surface charge-based rational design of aspartase modifies the optimal pH for efficient □aminobutyric acid production. *International Journal of Biological Macromolecules*, **2020**, 164, 4165-4172	7.9	5
71	Engineered disulfide bonds improve thermostability and activity of L-isoleucine hydroxylase for efficient 4-HIL production in 168. *Engineering in Life Sciences*, **2020**, 20, 7-16	3.4	6
70	Blakeslea trispora Photoreceptors: Identification and Functional Analysis. *Applied and Environmental Microbiology*, **2020**, 86,	4.8	3
69	Asp305Gly mutation improved the activity and stability of the styrene monooxygenase for efficient epoxide production in Pseudomonas putida KT2440. *Microbial Cell Factories*, **2019**, 18, 12	6.4	10
68	Comparative investigation on metabolite changes in Rvu miRproduction by Vaccinium bracteatum Thunb. leaves based on multivariate data analysis using UPLC-QToF-MS. *Food Chemistry*, **2019**, 286, 146-153	8.5	14
67	Enhancement of L-arginine production by increasing ammonium uptake in an AmtR-deficient Corynebacterium crenatum mutant. *Journal of Industrial Microbiology and Biotechnology*, **2019**, 46, 1155-1166	4.2	5
66	Designing of a Cofactor Self-Sufficient Whole-Cell Biocatalyst System for Production of 1,2-Amino Alcohols from Epoxides. *ACS Synthetic Biology*, **2019**, 8, 734-743	5.7	21
65	Improving the Production of Salt-Tolerant Glutaminase by Integrating Multiple Copies of into the Protease and Genes of 168. *Molecules*, **2019**, 24,	4.8	5
64	Rational Engineering of Bacillus cereus Leucine Dehydrogenase Towards □keto Acid Reduction for Improving Unnatural Amino Acid Production. *Biotechnology Journal*, **2019**, 14, e1800253	5.6	14

63	Synthetic engineering of Corynebacterium crenatum to selectively produce acetoin or 2,3-butanediol by one step bioconversion method. *Microbial Cell Factories*, **2019**, 18, 128	6.4	3
62	A Novel 3-Phytosterone-9□Hydroxylase Oxygenation Component and Its Application in Bioconversion of 4-Androstene-3,17-Dione to 9□Hydroxy-4-Androstene-3,17-Dione Coupling with A NADH Regeneration Formate Dehydrogenase. *Molecules*, **2019**, 24,	4.8	3
61	Enhanced extracellular gamma glutamyl transpeptidase production by overexpressing of PrsA lipoproteins and improving its mRNA stability in Bacillus subtilis and application in biosynthesis of L-theanine. *Journal of Biotechnology*, **2019**, 302, 85-91	3.7	12
60	Insight into the thermostability of thermophilic L-asparaginase and non-thermophilic L-asparaginase II through bioinformatics and structural analysis. *Applied Microbiology and Biotechnology*, **2019**, 103, 7055-7070	5.7	9
59	Lys-Arg mutation improved the thermostability of Bacillus cereus neutral protease through increased residue interactions. *World Journal of Microbiology and Biotechnology*, **2019**, 35, 173	4.4	5
58	A novel green synthesis approach for natural bluish-violet pigments derived from water extracts of Vaccinium bracteatum Thunb. leaves. *Industrial Crops and Products*, **2019**, 142, 111862	5.9	5
57	Identification of steroid C27 monooxygenase isoenzymes involved in sterol catabolism and stepwise pathway engineering of Mycobacterium neoaurum for improved androst-1,4-diene-3,17-dione production. *Journal of Industrial Microbiology and Biotechnology*, **2019** , 46, 635-647	4.2	8
56	Intracellular Environment Improvement of for Enhancing Androst-1,4-Diene-3,17-Dione Production by Manipulating NADH and Reactive Oxygen Species Levels. *Molecules*, **2019**, 24,	4.8	6
55	Loss of Serine-Type D-Ala-D-Ala Carboxypeptidase DacA Enhances Prodigiosin Production in. *Frontiers in Bioengineering and Biotechnology*, **2019**, 7, 367	5.8	9
54	Effect of selected strains on physical and organoleptic properties of breads. *Food Chemistry*, **2019**, 276, 547-553	8.5	6
53	Glu56Ser mutation improves the enzymatic activity and catalytic stability of Bacillus subtilis l-aspartate □decarboxylase for an efficient □alanine production. *Process Biochemistry*, **2018**, 70, 117-123	4.8	13
52	Efficient biosynthesis of L-phenylglycine by an engineered Escherichia coli with a tunable multi-enzyme-coordinate expression system. *Applied Microbiology and Biotechnology*, **2018**, 102, 2129-2141	5.7	17
51	Biofunctionalized "Kiwifruit-Assembly" of Oxidoreductases in Mesoporous ZnO/Carbon Nanoparticles for Efficient Asymmetric Catalysis. *Advanced Materials*, **2018**, 30, 1705443	24	11
50	Improved L-ornithine production in Corynebacterium crenatum by introducing an artificial linear transacetylation pathway. *Journal of Industrial Microbiology and Biotechnology*, **2018**, 45, 393-404	4.2	11
49	Regulatory protein SrpA controls phage infection and core cellular processes in Pseudomonas aeruginosa. *Nature Communications*, **2018**, 9, 1846	17.4	18
48	Improved thermostability and catalytic efficiency of overexpressed catalase from B. pumilus ML 413 (KatX2) by introducing disulfide bond C286-C289. *Enzyme and Microbial Technology*, **2018**, 119, 10-16	3.8	5
47	Relieving Allosteric Inhibition by Designing Active Inclusion Bodies and Coating of the Inclusion Bodies with Fe3O4 Nanomaterials for Sustainable 2-Oxobutyric Acid Production. *ACS Catalysis*, **2018**, 8, 8889-8901	13.1	7
46	Simultaneous cell disruption and semi-quantitative activity assays for high-throughput screening of thermostable L-asparaginases. *Scientific Reports*, **2018**, 8, 7915	4.9	20

45	Effects of Geniposide from Gardenia Fruit Pomace on Skeletal-Muscle Fibrosis. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 5802-5811	5.7	9
44	Effects of functional β-glucan on proliferation, differentiation, metabolism and its anti-fibrosis properties in muscle cells. *International Journal of Biological Macromolecules*, **2018**, 117, 287-293	7.9	8
43	Enhanced intracellular soluble production of 3-ketosteroid-Δ1-dehydrogenase from Mycobacterium neoaurum in Escherichia coli and its application in the androst-1,4-diene-3,17-dione production. *Journal of Chemical Technology and Biotechnology*, **2017**, 92, 350-357	3.5	8
42	Development of a multi-enzymatic desymmetrization and its application for the biosynthesis of l-norvaline from dl-norvaline. *Process Biochemistry*, **2017**, 55, 104-109	4.8	9
41	Improvement of the ammonia assimilation for enhancing L-arginine production of Corynebacterium crenatum. *Journal of Industrial Microbiology and Biotechnology*, **2017**, 44, 443-451	4.2	14
40	Optimized whole cell biocatalyst from acetoin to 2,3-butanediol through coexpression of acetoin reductase with NADH regeneration systems in engineered Bacillus subtilis. *Journal of Chemical Technology and Biotechnology*, **2017**, 92, 2477-2487	3.5	11
39	Metabolic engineering strategies for acetoin and 2,3-butanediol production: advances and prospects. *Critical Reviews in Biotechnology*, **2017**, 37, 990-1005	9.4	51
38	Reengineering of the feedback-inhibition enzyme N-acetyl-L-glutamate kinase to enhance L-arginine production in Corynebacterium crenatum. *Journal of Industrial Microbiology and Biotechnology*, **2017**, 44, 271-283	4.2	11
37	Efficient production of d-amino acid oxidase in Escherichia coli by a trade-off between its expression and biomass using N-terminal modification. *Bioresource Technology*, **2017**, 243, 716-723	11	3
36	Elimination of a Free Cysteine by Creation of a Disulfide Bond Increases the Activity and Stability of Candida boidinii Formate Dehydrogenase. *Applied and Environmental Microbiology*, **2017**, 83,	4.8	27
35	Amino acid residues adjacent to the catalytic cavity of tetramer L-asparaginase II contribute significantly to its catalytic efficiency and thermostability. *Enzyme and Microbial Technology*, **2016**, 82, 15-22	3.8	22
34	Efficient 9α-hydroxy-4-androstene-3,17-dione production by engineered Bacillus subtilis co-expressing Mycobacterium neoaurum 3-ketosteroid 9α-hydroxylase and B. subtilis glucose 1-dehydrogenase with NADH regeneration. *SpringerPlus*, **2016**, 5, 1207		5
33	Systems pathway engineering of Corynebacterium crenatum for improved L-arginine production. *Scientific Reports*, **2016**, 6, 28629	4.9	40
32	Controlling the transcription levels of argGH redistributed L-arginine metabolic flux in N-acetylglutamate kinase and ArgR-deregulated Corynebacterium crenatum. *Journal of Industrial Microbiology and Biotechnology*, **2016**, 43, 55-66	4.2	9
31	A mutant form of 3-ketosteroid-Δ(1)-dehydrogenase gives altered androst-1,4-diene-3, 17-dione/androst-4-ene-3,17-dione molar ratios in steroid biotransformations by Mycobacterium neoaurum ST-095. *Journal of Industrial Microbiology and Biotechnology*, **2016**, 43, 691-701	4.2	20
30	Effect of Polyhydroxybutyrate (PHB) storage on L-arginine production in recombinant Corynebacterium crenatum using coenzyme regulation. *Microbial Cell Factories*, **2016**, 15, 15	6.4	23
29	Efficient testosterone production by engineered Pichia pastoris co-expressing human 17β-hydroxysteroid dehydrogenase type 3 and Saccharomyces cerevisiae glucose 6-phosphate dehydrogenase with NADPH regeneration. *Green Chemistry*, **2016**, 18, 1774-1784	10	40
28	Heterologous expression and characterization of a new heme-catalase in Bacillus subtilis 168. *Journal of Industrial Microbiology and Biotechnology*, **2016**, 43, 729-40	4.2	5

27	Improvement of the intracellular environment for enhancing l-arginine production of Corynebacterium glutamicum by inactivation of HO-forming flavin reductases and optimization of ATP supply. *Metabolic Engineering*, **2016**, 38, 310-321	9.7	35
26	Cloning and identification of a novel tyrosinase and its overexpression in Streptomyces kathirae SC-1 for enhancing melanin production. *FEMS Microbiology Letters*, **2015**, 362, fnv041	2.9	14
25	Mutation breeding of high 4-androstene-3,17-dione-producing Mycobacterium neoaurum ZADF-4 by atmospheric and room temperature plasma treatment. *Journal of Zhejiang University: Science B*, **2015**, 16, 286-95	4.5	10
24	Metabolic engineering of Bacillus subtilis for redistributing the carbon flux to 2,3-butanediol by manipulating NADH levels. *Biotechnology for Biofuels*, **2015**, 8, 129	7.8	24
23	Construction of a highly efficient Bacillus subtilis 168 whole-cell biocatalyst and its application in the production of L-ornithine. *Journal of Industrial Microbiology and Biotechnology*, **2015**, 42, 1427-37	4.2	14
22	Enhanced 2,3-butanediol production from biodiesel-derived glycerol by engineering of cofactor regeneration and manipulating carbon flux in Bacillus amyloliquefaciens. *Microbial Cell Factories*, **2015**, 14, 122	6.4	39
21	Enhancement of the thermostability of Streptomyces kathirae SC-1 tyrosinase by rational design and empirical mutation. *Enzyme and Microbial Technology*, **2015**, 77, 54-60	3.8	16
20	Bioconversion of cholesterol to 4-cholesten-3-one by recombinant Bacillus subtilis expressing choM gene encoding cholesterol oxidase from Mycobacterium neoaurum JC-12. *Journal of Chemical Technology and Biotechnology*, **2015**, 90, 1811-1820	3.5	13
19	Regulation of the NADH pool and NADH/NADPH ratio redistributes acetoin and 2,3-butanediol proportion in Bacillus subtilis. *Biotechnology Journal*, **2015**, 10, 1298-306	5.6	31
18	Improvement of NADPH-dependent P450-mediated biotransformation of 7□15□diOH-DHEA from DHEA by a dual cosubstrate-coupled system. *Steroids*, **2015**, 101, 15-20	2.8	13
17	Enhanced Production of Androst-1,4-Diene-3,17-Dione by Mycobacterium neoaurum JC-12 Using Three-Stage Fermentation Strategy. *PLoS ONE*, **2015**, 10, e0137658	3.7	26
16	Enhanced riboflavin production by recombinant Bacillus subtilis RF1 through the optimization of agitation speed. *World Journal of Microbiology and Biotechnology*, **2014**, 30, 661-7	4.4	17
15	Efficient one-step preparation of □aminobutyric acid from glucose without an exogenous cofactor by the designed Corynebacterium glutamicum. *Green Chemistry*, **2014**, 16, 4190-4197	10	22
14	The rebalanced pathway significantly enhances acetoin production by disruption of acetoin reductase gene and moderate-expression of a new water-forming NADH oxidase in Bacillus subtilis. *Metabolic Engineering*, **2014**, 23, 34-41	9.7	81
13	Efficient whole-cell biocatalyst for acetoin production with NAD+ regeneration system through homologous co-expression of 2,3-butanediol dehydrogenase and NADH oxidase in engineered Bacillus subtilis. *PLoS ONE*, **2014**, 9, e102951	3.7	37
12	Enhancement of steroid hydroxylation yield from dehydroepiandrosterone by cyclodextrin complexation technique. *Steroids*, **2014**, 84, 70-7	2.8	20
11	Two-stage pH control strategy based on the pH preference of acetoin reductase regulates acetoin and 2,3-butanediol distribution in Bacillus subtilis. *PLoS ONE*, **2014**, 9, e91187	3.7	25
10	Bioconversion of 4-androstene-3,17-dione to androst-1,4-diene-3,17-dione by recombinant Bacillus subtilis expressing ksdd gene encoding 3-ketosteroid-□-dehydrogenase from Mycobacterium neoaurum JC-12. *Journal of Steroid Biochemistry and Molecular Biology*, **2013**, 135, 36-42	5.1	33

9	The role of ARGR repressor regulation on L-arginine production in Corynebacterium crenatum. *Applied Biochemistry and Biotechnology*, **2013**, 170, 587-97	3.2	14
8	The effect of a LYSE exporter overexpression on L-arginine production in Corynebacterium crenatum. *Current Microbiology*, **2013**, 67, 271-8	2.4	12
7	Cloning, expression, and characterization of L-asparaginase from a newly isolated Bacillus subtilis B11-06. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 9428-34	5.7	67
6	Heterologous and homologous expression of the arginine biosynthetic argC~H cluster from Corynebacterium crenatum for improvement of (L) -arginine production. *Journal of Industrial Microbiology and Biotechnology*, **2012**, 39, 495-502	4.2	27
5	Site-directed mutagenesis and feedback-resistant N-acetyl-L-glutamate kinase (NAGK) increase Corynebacterium crenatum L-arginine production. *Amino Acids*, **2012**, 43, 255-66	3.5	26
4	A genetic transformation system based on trp1 complementation in Candida glycerinogenes. *World Journal of Microbiology and Biotechnology*, **2011**, 27, 1005-1008	4.4	1
3	Isolation and identification of an acetoin high production bacterium that can reverse transform 2,3-butanediol to acetoin at the decline phase of fermentation. *World Journal of Microbiology and Biotechnology*, **2011**, 27, 2785-2790	4.4	44
2	Construction of a novel recombinant Escherichia coli strain capable of producing 1,3□propanediol and optimization of fermentation parameters by statistical design. *World Journal of Microbiology and Biotechnology*, **2006**, 22, 945-952	4.4	20
1	Enhancing the biotransformation efficiency of human CYP17A1 in Pichia pastoris by co-expressing CPR and glucose-6-phosphate dehydrogenase simultaneously. *Systems Microbiology and Biomanufacturing*,1		0