

# Min-Kyu Oh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/672809/publications.pdf>

Version: 2024-02-01

136  
papers

4,913  
citations

87401

40  
h-index

129628

63  
g-index

136  
all docs

136  
docs citations

136  
times ranked

6925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for Biosynthesis of C1 Gas-derived Polyhydroxyalkanoates: A review. <i>Bioresource Technology</i> , 2022, 344, 126307.	4.8	14
2	Poly-3-hydroxybutyrate production in acetate minimal medium using engineered <i>Methylorubrum extorquens</i> AM1. <i>Bioresource Technology</i> , 2022, 353, 127127.	4.8	13
3	Systems metabolic engineering of <i>Streptomyces venezuelae</i> for the enhanced production of pikromycin. <i>Biotechnology and Bioengineering</i> , 2022, 119, 2250-2260.	1.7	4
4	Production of Polyhydroxyalkanoates with the Fermentation of <i>Methylorubrum extorquens</i> Using Formate as a Carbon Substrate. <i>Biotechnology and Bioprocess Engineering</i> , 2022, 27, 268-275.	1.4	4
5	Enriching intracellular macrolides in <i>Escherichia coli</i> improved the sensitivity of bioluminescent sensing systems. <i>Talanta</i> , 2022, 249, 123626.	2.9	0
6	Improved production of 2,3-butanediol and isobutanol by engineering electron transport chain in <i>Escherichia coli</i> . <i>Microbial Biotechnology</i> , 2021, 14, 213-226.	2.0	11
7	Improved Yield of Recombinant Protein via Flagella Regulator Deletion in <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 655072.	1.5	4
8	Olfactory Detection of Toluene by Detection Rats for Potential Screening of Lung Cancer. <i>Sensors</i> , 2021, 21, 2967.	2.1	9
9	Metabolic engineering of <i>Methylorubrum extorquens</i> AM1 for poly (3-hydroxybutyrate-co-3-hydroxyvalerate) production using formate. <i>International Journal of Biological Macromolecules</i> , 2021, 177, 284-293.	3.6	14
10	Multi-Odor Discrimination by Rat Sniffing for Potential Monitoring of Lung Cancer and Diabetes. <i>Sensors</i> , 2021, 21, 3696.	2.1	3
11	Optimizing protein V untranslated region sequence in M13 phage for increased production of single-stranded DNA for origami. <i>Nucleic Acids Research</i> , 2021, 49, 6596-6603.	6.5	7
12	Editorial: Technological Advances Improving Recombinant Protein Production in Bacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 729472.	1.5	0
13	Systems and synthetic biology to elucidate secondary metabolite biosynthetic gene clusters encoded in <i>Streptomyces</i> genomes. <i>Natural Product Reports</i> , 2021, 38, 1330-1361.	5.2	35
14	Antibacterial properties of main-chain cationic polymers prepared through amine-epoxy Click™ polymerization. <i>RSC Advances</i> , 2020, 10, 26752-26755.	1.7	16
15	Asian Congress on Biotechnology 2019. <i>Biotechnology Journal</i> , 2020, 15, e2000214.	1.8	0
16	Investigating <i>E. coli</i> Coculture for Resveratrol Production with <sup>13</sup> C Metabolic Flux Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3466-3473.	2.4	16
17	Two-stage bioconversion of carbon monoxide to biopolymers via formate as an intermediate. <i>Chemical Engineering Journal</i> , 2020, 389, 124394.	6.6	50
18	<sup>13</sup> C Metabolic Flux Analysis of <i>Escherichia coli</i> Engineered for Gamma-Aminobutyrate Production. <i>Biotechnology Journal</i> , 2020, 15, e1900346.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Improved 2,3-butanediol yield and productivity from lignocellulose biomass hydrolysate in metabolically engineered <i>Enterobacter aerogenes</i> . <i>Bioresource Technology</i> , 2020, 309, 123386.	4.8	18
20	Metabolic engineering of <i>Corynebacterium glutamicum</i> for the production of glutaric acid, a C5 dicarboxylic acid platform chemical. <i>Metabolic Engineering</i> , 2019, 51, 99-109.	3.6	50
21	Adaptively evolved <i>Escherichia coli</i> for improved ability of formate utilization as a carbon source in sugar-free conditions. <i>Biotechnology for Biofuels</i> , 2019, 12, 207.	6.2	41
22	Metabolic perturbations in mutants of glucose transporters and their applications in metabolite production in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2019, 18, 170.	1.9	17
23	Artificial Caprolactam-Specific Riboswitch as an Intracellular Metabolite Sensor. <i>ACS Synthetic Biology</i> , 2019, 8, 1276-1283.	1.9	30
24	Complete Genome Sequence of <i>Paenibacillus</i> sp. CAA11: A Promising Microbial Host for Lignocellulosic Biorefinery with Consolidated Processing. <i>Current Microbiology</i> , 2019, 76, 732-737.	1.0	1
25	Protein kinase CK2-dependent aerobic glycolysis-induced lactate dehydrogenase A enhances the migration and invasion of cancer cells. <i>Scientific Reports</i> , 2019, 9, 5337.	1.6	21
26	Precise tuning of the glyoxylate cycle in <i>Escherichia coli</i> for efficient tyrosine production from acetate. <i>Microbial Cell Factories</i> , 2019, 18, 57.	1.9	25
27	Butyric acid production with high selectivity coupled with acetic acid consumption in sugar-glycerol mixture fermentation by <i>Clostridium tyrobutyricum</i> ATCC25755. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 75, 44-51.	2.9	16
28	Enhanced butyric acid production using mixed biomass of brown algae and rice straw by <i>Clostridium tyrobutyricum</i> ATCC25755. <i>Bioresource Technology</i> , 2019, 273, 446-453.	4.8	27
29	Effects of <i>gltA</i> and <i>arcA</i> Mutations on Biomass and 1,3-Propanediol Production in <i>Klebsiella pneumoniae</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 95-102.	1.4	8
30	Combined effect of inorganic salts with calcium peroxide pretreatment for kenaf core biomass and their utilization for 2,3-butanediol production. <i>Bioresource Technology</i> , 2018, 258, 26-32.	4.8	24
31	Target-oriented photofunctional nanoparticles (TOPFNs) for selective photodynamic inactivation of Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 183, 184-190.	1.7	14
32	Improved production of isobutanol in pervaporation-coupled bioreactor using sugarcane bagasse hydrolysate in engineered <i>Enterobacter aerogenes</i> . <i>Bioresource Technology</i> , 2018, 259, 373-380.	4.8	19
33	Effect of various shaped magnesium hydroxide particles on mechanical and biological properties of poly(lactic-co-glycolic acid) composites. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 59, 266-276.	2.9	25
34	Combination of Three Methods to Reduce Glucose Metabolic Rate For Improving <i>N</i> -Acetylglucosamine Production in <i>Saccharomyces cerevisiae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13191-13198.	2.4	14
35	Balancing antimicrobial performance with hemocompatibility in amphiphilic homopolymers. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2391-2396.	2.5	7
36	Applications and Advances in Bioelectronic Noses for Odour Sensing. <i>Sensors</i> , 2018, 18, 103.	2.1	61

#	ARTICLE	IF	CITATIONS
37	High-yield production of 1,3-propanediol from glycerol by metabolically engineered <i>Klebsiella pneumoniae</i> . <i>Biotechnology for Biofuels</i> , 2018, 11, 104.	6.2	47
38	Comparison of metabolite profiling of <i>Ralstonia eutropha</i> H16 phaBCA mutants grown on different carbon sources. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 797-805.	1.2	5
39	Production of 5-aminovaleric acid in recombinant <i>Corynebacterium glutamicum</i> strains from a <i>Miscanthus</i> hydrolysate solution prepared by a newly developed <i>Miscanthus</i> hydrolysis process. <i>Bioresource Technology</i> , 2017, 245, 1692-1700.	4.8	45
40	Metabolic engineering of <i>Enterobacter aerogenes</i> for 2,3-butanediol production from sugarcane bagasse hydrolysate. <i>Bioresource Technology</i> , 2017, 245, 1567-1574.	4.8	37
41	Formate and Nitrate Utilization in <i>Enterobacter aerogenes</i> for Semi-Anaerobic Production of Isobutanol. <i>Biotechnology Journal</i> , 2017, 12, 1700121.	1.8	18
42	Pathway engineering of <i>Enterobacter aerogenes</i> to improve acetoin production by reducing by-products formation. <i>Enzyme and Microbial Technology</i> , 2017, 106, 114-118.	1.6	18
43	Controlling Citrate Synthase Expression by CRISPR/Cas9 Genome Editing for <i>n</i> -Butanol Production in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 182-189.	1.9	51
44	Enhanced Production of Itaconic Acid through Development of Transformed Fungal Strains of <i>Aspergillus terreus</i> . <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 306-315.	0.9	15
45	Improved production of <i>N</i> -acetylglucosamine in <i>Saccharomyces cerevisiae</i> by reducing glycolytic flux. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2524-2528.	1.7	21
46	<sup>13</sup> C metabolite profiling to compare the central metabolic flux in two yeast strains. <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 814-822.	1.4	4
47	An isolated <i>Amycolatopsis</i> sp. GDS for cellulase and xylanase production using agricultural waste biomass. <i>Journal of Applied Microbiology</i> , 2016, 120, 112-125.	1.4	33
48	Precise precursor rebalancing for isoprenoids production by fine control of gapA expression in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2016, 38, 401-408.	3.6	48
49	Plasmonic-based colorimetric and spectroscopic discrimination of acetic and butyric acids produced by different types of <i>Escherichia coli</i> through the different assembly structures formation of gold nanoparticles. <i>Analytica Chimica Acta</i> , 2016, 933, 196-206.	2.6	5
50	Butyric acid production from softwood hydrolysate by acetate-consuming <i>Clostridium</i> sp. S1 with high butyric acid yield and selectivity. <i>Bioresource Technology</i> , 2016, 218, 1208-1214.	4.8	26
51	Microbial production of ethanol from acetate by engineered <i>Ralstonia eutropha</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 402-407.	1.4	31
52	Reutilization of green liquor chemicals for pretreatment of whole rice waste biomass and its application to 2,3-butanediol production. <i>Bioresource Technology</i> , 2016, 205, 90-96.	4.8	63
53	Alleviation of carbon catabolite repression in <i>Enterobacter aerogenes</i> for efficient utilization of sugarcane molasses for 2,3-butanediol production. <i>Biotechnology for Biofuels</i> , 2015, 8, 106.	6.2	34
54	A synthetic suicide riboswitch for the high-throughput screening of metabolite production in <i>Saccharomyces cerevisiae</i> . <i>Metabolic Engineering</i> , 2015, 28, 143-150.	3.6	84

#	ARTICLE	IF	CITATIONS
55	Metabolic engineering of <i>Klebsiella pneumoniae</i> for the production of cis,cis-muconic acid. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5217-5225.	1.7	31
56	Characterization of poly-3-hydroxybutyrate (PHB) produced from <i>Ralstonia eutropha</i> using an alkali-pretreated biomass feedstock. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 627-635.	3.6	105
57	Fermentative hydrogen production using sorghum husk as a biomass feedstock and process optimization. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 733-743.	1.4	30
58	Improving alkaline pretreatment method for preparation of whole rice waste biomass feedstock and bioethanol production. <i>RSC Advances</i> , 2015, 5, 97171-97179.	1.7	54
59	Isotope labeling pattern study of central carbon metabolites using GC/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 974, 101-108.	1.2	18
60	Improved resistance against oxidative stress of engineered cellobiose-fermenting <i>Saccharomyces cerevisiae</i> revealed by metabolite profiling. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 951-957.	1.4	3
61	The regulation of 2,3-butanediol synthesis in <i>Klebsiella pneumoniae</i> as revealed by gene over-expressions and metabolic flux analysis. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 343-353.	1.7	13
62	Increased 2,3-butanediol production by changing codon usages in <i>Escherichia coli</i> . <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 535-540.	1.4	9
63	L-Lactate Production from Seaweed Hydrolysate of <i>Laminaria japonica</i> Using Metabolically Engineered <i>Escherichia coli</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1938-1952.	1.4	24
64	Biosynthesis of 2-phenylethanol from glucose with genetically engineered <i>Kluyveromyces marxianus</i> . <i>Enzyme and Microbial Technology</i> , 2014, 61-62, 44-47.	1.6	66
65	Robust ZnO nanoparticle embedded memory device using vancomycin conjugate and its biorecognition for electrical charging node. <i>Biosensors and Bioelectronics</i> , 2014, 56, 33-38.	5.3	16
66	Cellulolytic Enzymes Production by Utilizing Agricultural Wastes Under Solid State Fermentation and its Application for Biohydrogen Production. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 2801-2817.	1.4	60
67	Improvement of 2,3-Butanediol Yield in <i>Klebsiella pneumoniae</i> by Deletion of the Pyruvate Formate-Lyase Gene. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6195-6203.	1.4	53
68	Succinate production from CO <sub>2</sub> -grown microalgal biomass as carbon source using engineered <i>Corynebacterium glutamicum</i> through consolidated bioprocessing. <i>Scientific Reports</i> , 2014, 4, 5819.	1.6	40
69	Redistribution of Carbon Flux toward 2,3-Butanediol Production in <i>Klebsiella pneumoniae</i> by Metabolic Engineering. <i>PLoS ONE</i> , 2014, 9, e105322.	1.1	17
70	Engineered <i>Enterobacter aerogenes</i> for efficient utilization of sugarcane molasses in 2,3-butanediol production. <i>Bioresource Technology</i> , 2013, 139, 21-27.	4.8	47
71	In Situ Biphasic Extractive Fermentation for Hexanoic Acid Production from Sucrose by <i>Megasphaera elsdenii</i> NCIMB 702410. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1094-1107.	1.4	85
72	Transcriptomic study for screening genes involved in the oxidative bioconversions of <i>Streptomyces avermitilis</i> . <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 1621-1630.	1.7	2

#	ARTICLE	IF	CITATIONS
73	Enhanced activity of meso-secondary alcohol dehydrogenase from <i>Klebsiella</i> species by codon optimization. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 1005-1010.	1.7	1
74	Artificial transcription regulator as a tool for improvement of cellular property in <i>Saccharomyces cerevisiae</i> . <i>Chemical Engineering Science</i> , 2013, 103, 42-49.	1.9	5
75	Observation of 2,3-butanediol biosynthesis in Lys regulator mutated <i>Klebsiella pneumoniae</i> at gene transcription level. <i>Journal of Biotechnology</i> , 2013, 168, 520-526.	1.9	14
76	Microbial production of 2,3 butanediol from seaweed hydrolysate using metabolically engineered <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2013, 136, 329-336.	4.8	72
77	Complete Genome Sequence of <i>Raoultella ornithinolytica</i> Strain B6, a 2,3-Butanediol-Producing Bacterium Isolated from Oil-Contaminated Soil. <i>Genome Announcements</i> , 2013, 1, .	0.8	22
78	Butyrate production in engineered <i>Escherichia coli</i> with synthetic scaffolds. <i>Biotechnology and Bioengineering</i> , 2013, 110, 2790-2794.	1.7	88
79	Complete Genome Sequence of the 2,3-Butanediol-Producing <i>Klebsiella pneumoniae</i> Strain KCTC 2242. <i>Journal of Bacteriology</i> , 2012, 194, 2736-2737.	1.0	42
80	Complete Genome Sequence of <i>Klebsiella oxytoca</i> KCTC 1686, Used in Production of 2,3-Butanediol. <i>Journal of Bacteriology</i> , 2012, 194, 2371-2372.	1.0	27
81	Complete Genome Sequence of <i>Enterobacter aerogenes</i> KCTC 2190. <i>Journal of Bacteriology</i> , 2012, 194, 2373-2374.	1.0	45
82	Logic circuit upon angiogenic response controlled by enzyme-linked iron oxide microparticles towards biocomputing in human cells. <i>Chemical Communications</i> , 2012, 48, 6918.	2.2	3
83	A sensitive and reliable detection of thrombin via enzyme-precipitate-coating-linked aptamer assay. <i>Chemical Communications</i> , 2012, 48, 5971.	2.2	12
84	Production of 2,3-butanediol in <i>Saccharomyces cerevisiae</i> by in silico aided metabolic engineering. <i>Microbial Cell Factories</i> , 2012, 11, 68.	1.9	132
85	Characterization of <i>GCY1</i> in <i>Saccharomyces cerevisiae</i> by metabolic profiling. <i>Journal of Applied Microbiology</i> , 2012, 113, 1468-1478.	1.4	18
86	Photosensitizer and vancomycin-conjugated novel multifunctional magnetic particles as photoinactivation agents for selective killing of pathogenic bacteria. <i>Chemical Communications</i> , 2012, 48, 4591.	2.2	74
87	Deletion of lactate dehydrogenase in <i>Enterobacter aerogenes</i> to enhance 2,3-butanediol production. <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 461-469.	1.7	88
88	Identification of <i>Escherichia coli</i> biomarkers responsive to various lignin-hydrolysate compounds. <i>Bioresource Technology</i> , 2012, 114, 450-456.	4.8	23
89	Label-free detection of bacterial RNA using polydiacetylene-based biochip. <i>Biosensors and Bioelectronics</i> , 2012, 35, 44-49.	5.3	40
90	Oxidation effects on $\text{CuIn}_x\text{Ga}_{1-x}\text{Se}_y\text{S}_{2-y}$ thin film growth by solution processes. <i>Thin Solid Films</i> , 2012, 520, 3048-3053.	0.8	5

#	ARTICLE	IF	CITATIONS
91	Identification of Factors Regulating Escherichia coli 2,3-Butanediol Production by Continuous Culture and Metabolic Flux Analysis. Journal of Microbiology and Biotechnology, 2012, 22, 659-667.	0.9	8
92	Enhanced 2,3-Butanediol Production in Recombinant Klebsiella pneumoniae via Overexpression of Synthesis-Related Genes. Journal of Microbiology and Biotechnology, 2012, 22, 1258-1263.	0.9	48
93	A comparative study of solution based CIGS thin film growth on different glass substrates. Applied Surface Science, 2011, 258, 120-125.	3.1	18
94	Nearly carbon-free printable CIGS thin films for solar cell applications. Solar Energy Materials and Solar Cells, 2011, 95, 2928-2932.	3.0	71
95	A biosensor based on the self-entrapment of glucose oxidase within biomimetic silica nanoparticles induced by a fusion enzyme. Enzyme and Microbial Technology, 2011, 49, 441-445.	1.6	55
96	Enzyme precipitate coatings of lipase on polymer nanofibers. Bioprocess and Biosystems Engineering, 2011, 34, 841-847.	1.7	13
97	Proteomic approach to enhance doxorubicin production in pank-integrated Streptomyces peucetius ATCC 27952. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1245-1253.	1.4	10
98	Size-controllable quartz nanostructure for signal enhancement of DNA chip. Biosensors and Bioelectronics, 2011, 26, 2085-2089.	5.3	13
99	Effects of carbon source and metabolic engineering on butyrate production in Escherichia coli. Korean Journal of Chemical Engineering, 2011, 28, 1587-1592.	1.2	12
100	Enzyme Logic Gates Based on Enzyme-Coated Carbon Nanotubes. Electroanalysis, 2011, 23, 980-986.	1.5	18
101	Steganography and encrypting based on immunochemical systems. Biotechnology and Bioengineering, 2011, 108, 1100-1107.	1.7	21
102	Highly stable enzyme precipitate coatings and their electrochemical applications. Biosensors and Bioelectronics, 2011, 26, 1980-1986.	5.3	54
103	Sensitive and high-fidelity electrochemical immunoassay using carbon nanotubes coated with enzymes and magnetic nanoparticles. Biosensors and Bioelectronics, 2011, 26, 3192-3199.	5.3	37
104	Production of 1,2-Propanediol from Glycerol in Saccharomyces cerevisiae. Journal of Microbiology and Biotechnology, 2011, 21, 846-853.	0.9	55
105	Colorimetric Detection of Chelating Agents Using Polydiacetylene Vesicles. Korean Chemical Engineering Research, 2011, 49, 348-351.	0.2	1
106	Overexpression of ethionine resistance gene for maximized production of S-adenosylmethionine in Saccharomyces cerevisiae sake kyokai No. 6. Korean Journal of Chemical Engineering, 2010, 27, 587-589.	1.2	11
107	Electrochemical detection of vascular endothelial growth factors (VEGFs) using VEGF antibody fragments modified Au NPs/ITO electrode. Biosensors and Bioelectronics, 2010, 25, 1717-1722.	5.3	38
108	Immobilized polydiacetylene vesicle for label-free biosensor. , 2010, , .		0



#	ARTICLE	IF	CITATIONS
109	Increased production of S-adenosyl-L-methionine using recombinant <i>Saccharomyces cerevisiae</i> sake K6. <i>Korean Journal of Chemical Engineering</i> , 2009, 26, 156-159.	1.2	14
110	A sensitive method to detect <i>Escherichia coli</i> based on immunomagnetic separation and real-time PCR amplification of aptamers. <i>Biosensors and Bioelectronics</i> , 2009, 24, 3550-3555.	5.3	88
111	Development of a <i>Saccharomyces cerevisiae</i> strain for the production of 1,2-propanediol by gene manipulation. <i>Enzyme and Microbial Technology</i> , 2009, 45, 42-47.	1.6	15
112	The detection of platelet derived growth factor using decoupling of quencher-oligonucleotide from aptamer/quantum dot bioconjugates. <i>Nanotechnology</i> , 2009, 20, 175503.	1.3	50
113	Effect of phospholipid insertion on arrayed polydiacetylene biosensors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 66, 213-217.	2.5	52
114	Finding new pathway-specific regulators by clustering method using threshold standard deviation based on DNA chip data of <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 709-717.	1.7	11
115	Improved DNA chip with poly(amidoamine) dendrimer peripherally modified with biotin and avidin. <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 683-689.	1.4	14
116	Expression profiling of <i>Streptomyces peucetius</i> metabolic genes using DNA microarray analysis. <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 738-744.	1.4	6
117	Rapid functional identification of putative genes based on the combined in vitro protein synthesis with mass spectrometry: A tool for functional genomics. <i>Analytical Biochemistry</i> , 2008, 375, 11-17.	1.1	8
118	Enhanced Production of 1,2-Propanediol by <i>tpi1</i> Deletion in <i>Saccharomyces cerevisiae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 1797-1802.	0.9	25
119	Parallel analysis of antimicrobial activities in microbial community by SSCP based on CE. <i>Electrophoresis</i> , 2007, 28, 2416-2423.	1.3	19
120	Functional expression of single-chain variable fragment antibody against c-Met in the cytoplasm of <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2006, 47, 203-209.	0.6	48
121	Micro-patterned polydiacetylene vesicle chips for detecting protein-protein interactions. <i>Macromolecular Research</i> , 2006, 14, 483-485.	1.0	41
122	Fabrication of disposable protein chip for simultaneous sample detection. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 455-461.	1.4	6
123	DNA microarray analysis of immediate response to EGF treatment in rat schwannoma cells. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 444-450.	1.4	3
124	Genetic heterogeneity of stably transfected cell lines revealed by expression profiling with oligonucleotide microarrays. <i>Journal of Cellular Biochemistry</i> , 2003, 90, 1068-1078.	1.2	14
125	Spinocerebellar Ataxia 11 (SCA11). , 2003, , 117-119.		0
126	Global Expression Profiling of Acetate-grown <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 13175-13183.	1.6	252



#	ARTICLE	IF	CITATIONS
127	Co-expression pattern from DNA microarray experiments as a tool for operon prediction. <i>Nucleic Acids Research</i> , 2002, 30, 2886-2893.	6.5	116
128	Microbial pathway engineering for industrial processes: evolution, combinatorial biosynthesis and rational design. <i>Current Opinion in Microbiology</i> , 2001, 4, 330-335.	2.3	51
129	Issues in cDNA microarray analysis: quality filtering, channel normalization, models of variations and assessment of gene effects. <i>Nucleic Acids Research</i> , 2001, 29, 2549-2557.	6.5	494
130	DNA Microarray Detection of Metabolic Responses to Protein Overproduction in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2000, 2, 201-209.	3.6	84
131	Gene Expression Profiling by DNA Microarrays and Metabolic Fluxes in <i>Escherichia coli</i> . <i>Biotechnology Progress</i> , 2000, 16, 278-286.	1.3	126
132	Directed Evolution of Metabolically Engineered <i>Escherichia coli</i> for Carotenoid Production. <i>Biotechnology Progress</i> , 2000, 16, 922-926.	1.3	106
133	Toward Predicting Metabolic Fluxes in Metabolically Engineered Strains. <i>Metabolic Engineering</i> , 1999, 1, 214-223.	3.6	14
134	Engineered isoprenoid pathway enhances astaxanthin production in <i>Escherichia coli</i> . , 1999, 62, 235-241.		152
135	Importance of spore mutants for fed-batch and continuous fermentation of <i>Bacillus subtilis</i> . <i>Biotechnology and Bioengineering</i> , 1995, 47, 696-702.	1.7	14
136	Enhanced Subtilisin Production with Spore Mutants of <i>Bacillus subtilis</i> and Their Characterization. <i>Annals of the New York Academy of Sciences</i> , 1995, 750, 444-451.	1.8	6