

Ka-Yiu San

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124
papers

5,828
citations

45
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72
g-index

126
ext. papers

6,283
ext. citations

5.4
avg, IF

5.7
L-index

#	Paper	IF	Citations
124	Studies on on-line bioreactor identification. I. Theory. <i>Biotechnology and Bioengineering</i> , 1984 , 26, 1176-88	9.9	238
123	Metabolic engineering of Escherichia coli: increase of NADH availability by overexpressing an NAD(+)-dependent formate dehydrogenase. <i>Metabolic Engineering</i> , 2002 , 4, 217-29	9.7	224
122	Metabolic engineering through cofactor manipulation and its effects on metabolic flux redistribution in Escherichia coli. <i>Metabolic Engineering</i> , 2002 , 4, 182-92	9.7	203
121	Novel pathway engineering design of the anaerobic central metabolic pathway in Escherichia coli to increase succinate yield and productivity. <i>Metabolic Engineering</i> , 2005 , 7, 229-39	9.7	202
120	Metabolic engineering of aerobic succinate production systems in Escherichia coli to improve process productivity and achieve the maximum theoretical succinate yield. <i>Metabolic Engineering</i> , 2005 , 7, 116-27	9.7	161
119	Succinate production in Escherichia coli. <i>Biotechnology Journal</i> , 2012 , 7, 213-24	5.6	138
118	Transcriptional response of the terpenoid indole alkaloid pathway to the overexpression of ORCA3 along with jasmonic acid elicitation of Catharanthus roseus hairy roots over time. <i>Metabolic Engineering</i> , 2009 , 11, 76-86	9.7	121
117	The effect of increasing NADH availability on the redistribution of metabolic fluxes in Escherichia coli chemostat cultures. <i>Metabolic Engineering</i> , 2002 , 4, 230-7	9.7	116
116	Metabolic engineering of the indole pathway in Catharanthus roseus hairy roots and increased accumulation of tryptamine and serpentine. <i>Metabolic Engineering</i> , 2004 , 6, 268-76	9.7	106
115	Cofactor engineering for advancing chemical biotechnology. <i>Current Opinion in Biotechnology</i> , 2013 , 24, 994-9	11.4	105
114	Efficient free fatty acid production in Escherichia coli using plant acyl-ACP thioesterases. <i>Metabolic Engineering</i> , 2011 , 13, 713-22	9.7	105
113	Replacing Escherichia coli NAD-dependent glyceraldehyde 3-phosphate dehydrogenase (GAPDH) with a NADP-dependent enzyme from Clostridium acetobutylicum facilitates NADPH dependent pathways. <i>Metabolic Engineering</i> , 2008 , 10, 352-9	9.7	102
112	Fed-batch culture of a metabolically engineered Escherichia coli strain designed for high-level succinate production and yield under aerobic conditions. <i>Biotechnology and Bioengineering</i> , 2005 , 90, 775-9	4.9	102
111	Effect of oxygen, and ArcA and FNR regulators on the expression of genes related to the electron transfer chain and the TCA cycle in Escherichia coli. <i>Metabolic Engineering</i> , 2005 , 7, 364-74	9.7	100
110	Effect of ArcA and FNR on the expression of genes related to the oxygen regulation and the glycolysis pathway in Escherichia coli under microaerobic growth conditions. <i>Biotechnology and Bioengineering</i> , 2005 , 92, 147-59	4.9	100
109	Efficient succinic acid production from glucose through overexpression of pyruvate carboxylase in an Escherichia coli alcohol dehydrogenase and lactate dehydrogenase mutant. <i>Biotechnology Progress</i> , 2005 , 21, 358-65	2.8	99
108	Characterization of the acetate-producing pathways in Escherichia coli. <i>Biotechnology Progress</i> , 2005 , 21, 1062-7	2.8	99

107	Effect of oxygen on the Escherichia coli ArcA and FNR regulation systems and metabolic responses. <i>Biotechnology and Bioengineering</i> , 2005 , 89, 556-64	4.9	99
106	Genetic reconstruction of the aerobic central metabolism in Escherichia coli for the absolute aerobic production of succinate. <i>Biotechnology and Bioengineering</i> , 2005 , 89, 148-56	4.9	98
105	Optimization of fed-batch penicillin fermentation: a case of singular optimal control with state constraints. <i>Biotechnology and Bioengineering</i> , 1989 , 34, 72-8	4.9	97
104	Acetyl-CoA synthetase overexpression in Escherichia coli demonstrates more efficient acetate assimilation and lower acetate accumulation: a potential tool in metabolic engineering. <i>Applied Microbiology and Biotechnology</i> , 2006 , 71, 870-4	5.7	95
103	The expression of 1-deoxy-D-xylulose synthase and geraniol-10-hydroxylase or anthranilate synthase increases terpenoid indole alkaloid accumulation in Catharanthus roseus hairy roots. <i>Metabolic Engineering</i> , 2011 , 13, 234-40	9.7	87
102	Effect of modified glucose uptake using genetic engineering techniques on high-level recombinant protein production in escherichia coli dense cultures. <i>Biotechnology and Bioengineering</i> , 1994 , 44, 952-60	4.9	84
101	Metabolic engineering of Escherichia coli to minimize byproduct formate and improving succinate productivity through increasing NADH availability by heterologous expression of NAD(+)-dependent formate dehydrogenase. <i>Metabolic Engineering</i> , 2013 , 20, 1-8	9.7	81
100	The effects of UV-B stress on the production of terpenoid indole alkaloids in Catharanthus roseus hairy roots. <i>Biotechnology Progress</i> , 2009 , 25, 861-5	2.8	81
99	Effect of overexpression of a soluble pyridine nucleotide transhydrogenase (UdhA) on the production of poly(3-hydroxybutyrate) in Escherichia coli. <i>Biotechnology Progress</i> , 2006 , 22, 420-5	2.8	81
98	Expression of a feedback-resistant anthranilate synthase in Catharanthus roseus hairy roots provides evidence for tight regulation of terpenoid indole alkaloid levels. <i>Biotechnology and Bioengineering</i> , 2004 , 86, 718-27	4.9	76
97	Modification of central metabolic pathway in escherichia coli to reduce acetate accumulation by heterologous expression of the bacillus subtilis acetolactate synthase gene. <i>Biotechnology and Bioengineering</i> , 1994 , 44, 944-51	4.9	75
96	Batch culture characterization and metabolic flux analysis of succinate-producing Escherichia coli strains. <i>Metabolic Engineering</i> , 2006 , 8, 209-26	9.7	73
95	Studies on on-line bioreactor identification. II. Numerical and experimental results. <i>Biotechnology and Bioengineering</i> , 1984 , 26, 1189-97	4.9	71
94	Expression of the Arabidopsis feedback-insensitive anthranilate synthase holoenzyme and tryptophan decarboxylase genes in Catharanthus roseus hairy roots. <i>Journal of Biotechnology</i> , 2006 , 122, 28-38	3.7	70
93	Enhanced lycopene productivity by manipulation of carbon flow to isopentenyl diphosphate in Escherichia coli. <i>Biotechnology Progress</i> , 2005 , 21, 1558-61	2.8	67
92	Metabolic flux analysis of Escherichia coli deficient in the acetate production pathway and expressing the Bacillus subtilis acetolactate synthase. <i>Metabolic Engineering</i> , 1999 , 1, 26-34	9.7	65
91	Increasing the acetyl-CoA pool in the presence of overexpressed phosphoenolpyruvate carboxylase or pyruvate carboxylase enhances succinate production in Escherichia coli. <i>Biotechnology Progress</i> , 2004 , 20, 1599-604	2.8	63
90	Redistribution of metabolic fluxes in Escherichia coli with fermentative lactate dehydrogenase overexpression and deletion. <i>Metabolic Engineering</i> , 1999 , 1, 141-52	9.7	62

89	Effect of <i>Sorghum vulgare</i> phosphoenolpyruvate carboxylase and <i>Lactococcus lactis</i> pyruvate carboxylase coexpression on succinate production in mutant strains of <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2005 , 67, 515-23	5.7	61
88	Effect of different levels of NADH availability on metabolic fluxes of <i>Escherichia coli</i> chemostat cultures in defined medium. <i>Journal of Biotechnology</i> , 2005 , 117, 395-405	3.7	58
87	Metabolic engineering of <i>Escherichia coli</i> to enhance recombinant protein production through acetate reduction. <i>Biotechnology Progress</i> , 1995 , 11, 475-8	2.8	58
86	Redistribution of metabolic fluxes in the central aerobic metabolic pathway of <i>E. coli</i> mutant strains with deletion of the <i>ackA-pta</i> and <i>poxB</i> pathways for the synthesis of isoamyl acetate. <i>Biotechnology Progress</i> , 2005 , 21, 627-31	2.8	57
85	Studies on on-line bioreactor identification. IV. Utilization of pH measurements for product estimation. <i>Biotechnology and Bioengineering</i> , 1984 , 26, 1209-18	4.9	52
84	Effect of acetate formation pathway and long chain fatty acid CoA-ligase on the free fatty acid production in <i>E. coli</i> expressing <i>acy-ACP</i> thioesterase from <i>Ricinus communis</i> . <i>Metabolic Engineering</i> , 2012 , 14, 380-7	9.7	51
83	Reduction of acetate accumulation in <i>Escherichia coli</i> cultures for increased recombinant protein production. <i>Metabolic Engineering</i> , 2008 , 10, 97-108	9.7	49
82	Production of succinic acid by engineered <i>E. coli</i> strains using soybean carbohydrates as feedstock under aerobic fermentation conditions. <i>Bioresource Technology</i> , 2013 , 130, 398-405	11	47
81	Effects of terpenoid precursor feeding on <i>Catharanthus roseus</i> hairy roots over-expressing the alpha or the alpha and beta subunits of anthranilate synthase. <i>Biotechnology and Bioengineering</i> , 2006 , 93, 534-40	4.9	47
80	Succinate production from different carbon sources under anaerobic conditions by metabolic engineered <i>Escherichia coli</i> strains. <i>Metabolic Engineering</i> , 2011 , 13, 328-35	9.7	45
79	Effect of inactivation of <i>nuo</i> and <i>ackA-pta</i> on redistribution of metabolic fluxes in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 1999 , 65, 291-297	4.9	45
78	Characterization of an inducible promoter system in <i>Catharanthus roseus</i> hairy roots. <i>Biotechnology Progress</i> , 2002 , 18, 1183-6	2.8	44
77	Effect of carbon sources differing in oxidation state and transport route on succinate production in metabolically engineered <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2005 , 32, 87-93	4.2	44
76	The effect of carbon sources and lactate dehydrogenase deletion on 1,2-propanediol production in <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2003 , 30, 34-40	4.2	43
75	Applicability of CoA/acetyl-CoA manipulation system to enhance isoamyl acetate production in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2004 , 6, 294-9	9.7	41
74	Metabolic impact of the level of aeration during cell growth on anaerobic succinate production by an engineered <i>Escherichia coli</i> strain. <i>Metabolic Engineering</i> , 2010 , 12, 499-509	9.7	40
73	Effect of modulated glucose uptake on high-level recombinant protein production in a dense <i>Escherichia coli</i> culture. <i>Biotechnology Progress</i> , 1994 , 10, 644-7	2.8	40
72	Improving fatty acid production in <i>Escherichia coli</i> through the overexpression of malonyl coA-acyl carrier protein transacylase. <i>Biotechnology Progress</i> , 2012 , 28, 60-5	2.8	39

71	Metabolic engineering of carbon and redox flow in the production of small organic acids. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015 , 42, 403-22	4.2	38
70	Metabolic engineering of <i>Escherichia coli</i> for efficient free fatty acid production from glycerol. <i>Metabolic Engineering</i> , 2014 , 25, 82-91	9.7	38
69	Development of a metabolic network design and optimization framework incorporating implementation constraints: a succinate production case study. <i>Metabolic Engineering</i> , 2006 , 8, 46-57	9.7	38
68	Metabolic flux analysis of <i>Escherichia coli</i> creB and arcA mutants reveals shared control of carbon catabolism under microaerobic growth conditions. <i>Journal of Bacteriology</i> , 2009 , 191, 5538-48	3.5	37
67	A pH-regulated promoter for the expression of recombinant proteins in <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 1992 , 14, 157-162	3	37
66	Chemostat culture characterization of <i>Escherichia coli</i> mutant strains metabolically engineered for aerobic succinate production: a study of the modified metabolic network based on metabolite profile, enzyme activity, and gene expression profile. <i>Metabolic Engineering</i> , 2005 , 7, 337-52	9.7	36
65	Improvement of biomass yield and recombinant gene expression in <i>Escherichia coli</i> by using fructose as the primary carbon source. <i>Biotechnology Progress</i> , 1999 , 15, 140-5	2.8	34
64	The design of controllers for batch bioreactors. <i>Biotechnology and Bioengineering</i> , 1988 , 32, 519-26	4.9	34
63	Effect of the global redox sensing/regulation networks on <i>Escherichia coli</i> and metabolic flux distribution based on C-13 labeling experiments. <i>Metabolic Engineering</i> , 2006 , 8, 619-27	9.7	33
62	Metabolic engineering and transhydrogenase effects on NADPH availability in <i>Escherichia coli</i> . <i>Biotechnology Progress</i> , 2013 , 29, 1124-30	2.8	31
61	Synthesis of methyl ketones by metabolically engineered <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012 , 39, 1703-12	4.2	31
60	Engineering poly(3-hydroxybutyrate-co-3-hydroxyvalerate) copolymer composition in <i>E. coli</i> . <i>Biotechnology and Bioengineering</i> , 2008 , 99, 919-28	4.9	31
59	Transient effects of overexpressing anthranilate synthase alpha and beta subunits in <i>Catharanthus roseus</i> hairy roots. <i>Biotechnology Progress</i> , 2005 , 21, 1572-6	2.8	30
58	Efficient free fatty acid production from woody biomass hydrolysate using metabolically engineered <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2014 , 169, 119-125	11	29
57	Dynamics of plasmid maintenance in a CSTR upon square-wave perturbations in the dilution rate. <i>Biotechnology and Bioengineering</i> , 1989 , 34, 1104-13	4.9	29
56	Efficient odd straight medium chain free fatty acid production by metabolically engineered <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2014 , 111, 2209-19	4.9	28
55	Metabolic flux analysis of <i>Escherichia coli</i> expressing the <i>Bacillus subtilis</i> acetolactate synthase in batch and continuous cultures. <i>Biotechnology and Bioengineering</i> , 1999 , 63, 737-49	4.9	28
54	Effect of sodium nitroprusside on growth and terpenoid indole alkaloid production in <i>Catharanthus roseus</i> hairy root cultures. <i>Biotechnology Progress</i> , 2011 , 27, 625-30	2.8	27

53	The role of the octadecanoid pathway in the production of terpenoid indole alkaloids in <i>Catharanthus roseus</i> hairy roots under normal and UV-B stress conditions. <i>Biotechnology and Bioengineering</i> , 2009 , 103, 1248-54	4.9	26
52	Heterologous <i>pyc</i> gene expression under various natural and engineered promoters in <i>Escherichia coli</i> for improved succinate production. <i>Journal of Biotechnology</i> , 2011 , 155, 236-43	3.7	26
51	Characterization of a pH-inducible promoter system for high-level expression of recombinant proteins in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 1995 , 47, 186-92	4.9	26
50	Long-term maintenance of a transgenic <i>Catharanthus roseus</i> hairy root line. <i>Biotechnology Progress</i> , 2007 , 23, 1517-8	2.8	24
49	Effect of variation of <i>Klebsiella pneumoniae</i> acetolactate synthase expression on metabolic flux redistribution in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2000 , 69, 150-9	4.9	24
48	Manipulating respiratory levels in <i>Escherichia coli</i> for aerobic formation of reduced chemical products. <i>Metabolic Engineering</i> , 2011 , 13, 704-12	9.7	23
47	Improvement of NADPH bioavailability in <i>Escherichia coli</i> through the use of phosphofructokinase deficient strains. <i>Applied Microbiology and Biotechnology</i> , 2013 , 97, 6883-93	5.7	22
46	Effect of culture operating conditions on succinate production in a multiphase fed-batch bioreactor using an engineered <i>Escherichia coli</i> strain. <i>Applied Microbiology and Biotechnology</i> , 2011 , 92, 499-508	5.7	21
45	Enhanced plasmid maintenance in a CSTR upon square-wave oscillations in the dilution rate. <i>Biotechnology Letters</i> , 1988 , 10, 531-536	3	21
44	Improvement of butanol production in <i>Clostridium acetobutylicum</i> through enhancement of NAD(P)H availability. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018 , 45, 993-1002	4.2	20
43	Genetically constrained metabolic flux analysis. <i>Metabolic Engineering</i> , 2005 , 7, 445-56	9.7	20
42	Five year maintenance of the inducible expression of anthranilate synthase in <i>Catharanthus roseus</i> hairy roots. <i>Biotechnology and Bioengineering</i> , 2009 , 102, 1521-5	4.9	19
41	Protein release in recombinant <i>Escherichia coli</i> using bacteriocin release protein. <i>Biotechnology Progress</i> , 1992 , 8, 25-9	2.8	19
40	Effect of NADPH availability on free fatty acid production in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2018 , 115, 444-452	4.9	18
39	Genetic manipulation of stationary-phase genes to enhance recombinant protein production in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 1996 , 50, 636-42	4.9	18
38	The YfiD protein contributes to the pyruvate formate-lyase flux in an <i>Escherichia coli</i> <i>arcA</i> mutant strain. <i>Biotechnology and Bioengineering</i> , 2007 , 97, 138-43	4.9	17
37	Data analysis of plasmid maintenance in a CSTR. <i>Biotechnology and Bioengineering</i> , 1989 , 33, 451-9	4.9	17
36	High yield production of four-carbon dicarboxylic acids by metabolically engineered <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018 , 45, 53-60	4.2	16

35	Metabolic transistor strategy for controlling electron transfer chain activity in Escherichia coli. <i>Metabolic Engineering</i> , 2015 , 28, 159-168	9.7	15
34	Enhanced isoamyl acetate production upon manipulation of the acetyl-CoA node in Escherichia coli. <i>Biotechnology Progress</i> , 2004 , 20, 692-7	2.8	14
33	Plasmid maintenance and gene expression of a recombinant culture under aerobic and anaerobic conditions. <i>Biotechnology Letters</i> , 1988 , 10, 373-376	3	14
32	Efficient production of free fatty acids from soybean meal carbohydrates. <i>Biotechnology and Bioengineering</i> , 2015 , 112, 2324-33	4.9	13
31	Population dynamics of a recombinant culture in a chemostat under prolonged cultivation. <i>Biotechnology and Bioengineering</i> , 1990 , 36, 727-36	4.9	13
30	Metabolic engineering of Escherichia coli to produce succinate from soybean hydrolysate under anaerobic conditions. <i>Biotechnology and Bioengineering</i> , 2018 , 115, 1743-1754	4.9	12
29	A kinetic model of oxygen regulation of cytochrome production in Escherichia coli. <i>Journal of Theoretical Biology</i> , 2006 , 242, 547-63	2.3	12
28	Analysis of a framework using material balances in metabolic pathways to elucidate cellular metabolism. <i>Biotechnology and Bioengineering</i> , 1989 , 34, 496-501	4.9	11
27	Efficient free fatty acid production in engineered Escherichia coli strains using soybean oligosaccharides as feedstock. <i>Biotechnology Progress</i> , 2015 , 31, 686-94	2.8	10
26	Engineering Escherichia coli for odd straight medium chain free fatty acid production. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 8145-54	5.7	10
25	Succinate production from sucrose by metabolic engineered Escherichia coli strains under aerobic conditions. <i>Biotechnology Progress</i> , 2011 , 27, 1242-7	2.8	10
24	Characterization of an ethanol-inducible promoter system in Catharanthus roseus hairy roots. <i>Biotechnology Progress</i> , 2007 , 23, 1258-60	2.8	10
23	Metabolic control of respiratory levels in coenzyme Q biosynthesis-deficient Escherichia coli strains leading to fine-tune aerobic lactate fermentation. <i>Biotechnology and Bioengineering</i> , 2015 , 112, 1720-6	4.9	9
22	Biosynthesis of Medium-Chain β -Hydroxy Fatty Acids by AlkBGT of GPo1 With Native FadL in Engineered. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 273	5.8	8
21	Strategies for manipulation of oxygen utilization by the electron transfer chain in microbes for metabolic engineering purposes. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 647-658	4.2	8
20	Still stable after 11 years: A Catharanthus roseus Hairy root line maintains inducible expression of anthranilate synthase. <i>Biotechnology Progress</i> , 2017 , 33, 66-69	2.8	8
19	Screening 64 cultivars Catharanthus roseus for the production of vindoline, catharanthine, and serpentine. <i>Biotechnology Progress</i> , 2011 , 27, 937-43	2.8	8
18	Culture conditions impact on succinate production by a high succinate producing Escherichia coli strain. <i>Biotechnology Progress</i> , 2011 , 27, 1225-31	2.8	8

17	Effect of glucose analog supplementation on metabolic flux distribution in anaerobic chemostat cultures of <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2000 , 2, 149-54	9.7	8
16	Metabolic engineering of the anaerobic central metabolic pathway in <i>Escherichia coli</i> for the simultaneous anaerobic production of isoamyl acetate and succinic acid. <i>Biotechnology Progress</i> , 2009 , 25, 1304-9	2.8	7
15	Continuous production of cell-free recombinant proteins using <i>Escherichia coli</i> . <i>Biotechnology Progress</i> , 1993 , 9, 587-93	2.8	7
14	New Sesquiterpene Glycosides from Culture Hairy Roots of <i>Catharanthus roseus</i> . <i>Chinese Journal of Chemistry</i> , 2007 , 25, 1695-1699	4.9	6
13	Optimal control policy for substrate inhibited kinetics with enzyme deactivation in an isothermal CSTR. <i>AIChE Journal</i> , 1983 , 29, 417-424	3.6	5
12	Simultaneous utilization of glucose and mannose from woody hydrolysate for free fatty acid production by metabolically engineered <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2015 , 185, 431-5	11	4
11	Metabolic engineering of <i>Escherichia coli</i> to produce succinate from woody hydrolysate under anaerobic conditions. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2020 , 47, 223-232	4.2	4
10	Production of free fatty acids from switchgrass using recombinant <i>Escherichia coli</i> . <i>Biotechnology Progress</i> , 2018 , 34, 91-98	2.8	4
9	A comparison of two plating techniques to estimate plasmid stability of a prolonged chemostat culture. <i>Biotechnology Letters</i> , 1989 , 3, 397-400		4
8	Improved succinate production from galactose-rich feedstocks by engineered <i>Escherichia coli</i> under anaerobic conditions. <i>Biotechnology and Bioengineering</i> , 2020 , 117, 1082-1091	4.9	3
7	Direct bioconversion of sorghum extract sugars to free fatty acids using metabolically engineered <i>Escherichia coli</i> strains: Value addition to the sorghum bioenergy crop. <i>Biomass and Bioenergy</i> , 2016 , 93, 217-226	5.3	3
6	Expression of the pfl gene and resulting metabolite flux distribution in nuo and ackA-pta <i>E. coli</i> mutant strains. <i>Biotechnology Progress</i> , 2006 , 22, 898-902	2.8	2
5	Engineering <i>E. coli</i> Central Metabolism for Enhanced Primary Metabolite Production 2009 , 351-376		2
4	Process Analysis and Identification with a Real Time Intelligent Bioreactor Supervisory Controller 1990 ,		1
3	Metabolic engineering of <i>Escherichia coli</i> for malate production with a temperature sensitive malate dehydrogenase. <i>Biochemical Engineering Journal</i> , 2020 , 164, 107762	4.2	1
2	Genetic sensor-regulators functional in Clostridia. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2020 , 47, 609-620	4.2	1
1	Soybean Carbohydrates as a Renewable Feedstock for the Fermentative Production of Succinic Acid and Ethanol. <i>ACS Symposium Series</i> , 2014 , 81-107	0.4	0