

Si Jae Park

List of Publications by Year in descending order

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112
papers

4,789
citations

81900

39
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110387

64
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116
all docs

116
docs citations

116
times ranked

3395
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the microbial production of C4 alcohols by metabolically engineered microorganisms. <i>Biotechnology Journal</i> , 2022, 17, e2000451.	3.5	5
2	Improved Productivity of Naringin Oleate with Flavonoid and Fatty Acid by Efficient Enzymatic Esterification. <i>Antioxidants</i> , 2022, 11, 242.	5.1	13
3	Development of a bio-chemical route to C5 plasticizer synthesis using glutaric acid produced by metabolically engineered <i>Corynebacterium glutamicum</i> . <i>Green Chemistry</i> , 2022, 24, 1590-1602.	9.0	6
4	Microbial cell factories for the production of three-carbon backbone organic acids from agro-industrial wastes. <i>Bioresource Technology</i> , 2022, 349, 126797.	9.6	10
5	Efficient Production of Naringin Acetate with Different Acyl Donors via Enzymatic Transesterification by Lipases. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2972.	2.6	6
6	Consolidated microbial production of four-, five-, and six-carbon organic acids from crop residues: Current status and perspectives. <i>Bioresource Technology</i> , 2022, 351, 127001.	9.6	11
7	Microbial production of 2-pyrone-4,6-dicarboxylic acid from lignin derivatives in an engineered <i>Pseudomonas putida</i> and its application for the synthesis of bio-based polyester. <i>Bioresource Technology</i> , 2022, 352, 127106.	9.6	15
8	Valorization of lignocellulosic biomass for polyhydroxyalkanoate production: Status and perspectives. <i>Bioresource Technology</i> , 2022, 360, 127575.	9.6	25
9	Rapid analysis of polyhydroxyalkanoate contents and its monomer compositions by pyrolysis-gas chromatography combined with mass spectrometry (Py-GC/MS). <i>International Journal of Biological Macromolecules</i> , 2021, 174, 449-456.	7.5	19
10	Recent progress in metabolic engineering of <i>Corynebacterium glutamicum</i> for the production of C4, C5, and C6 chemicals. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 1291-1307.	2.7	6
11	Biosynthesis of polyhydroxyalkanoates from sugarcane molasses by recombinant <i>Ralstonia eutropha</i> strains. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 1452-1459.	2.7	15
12	Chemo-Biological Upcycling of Poly(ethylene terephthalate) to Multifunctional Coating Materials. <i>ChemSusChem</i> , 2021, 14, 4251-4259.	6.8	36
13	Improving the organic solvent resistance of lipase a from <i>Bacillus subtilis</i> in water-ethanol solvent through rational surface engineering. <i>Bioresource Technology</i> , 2021, 337, 125394.	9.6	11
14	Chemoautotroph <i>Cupriavidus necator</i> as a potential game-changer for global warming and plastic waste problem: A review. <i>Bioresource Technology</i> , 2021, 340, 125693.	9.6	50
15	Fermentative High-Level Production of 5-Hydroxyvaleric Acid by Metabolically Engineered <i>Corynebacterium glutamicum</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2523-2533.	6.7	21
16	A shortcut to carbon-neutral bioplastic production: Recent advances in microbial production of polyhydroxyalkanoates from C1 resources. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 978-998.	7.5	13
17	Metabolic engineering for the synthesis of polyesters: A 100-year journey from polyhydroxyalkanoates to non-natural microbial polyesters. <i>Metabolic Engineering</i> , 2020, 58, 47-81.	7.0	138
18	Development of Metabolically Engineered <i>Corynebacterium glutamicum</i> for Enhanced Production of Cadaverine and Its Use for the Synthesis of Bio-Polyamide 510. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 129-138.	6.7	23

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19	Recent Advances in Systems Metabolic Engineering Strategies for the Production of Biopolymers. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 848-861.	2.6	21
20	Recent Advances in Sustainable Plastic Upcycling and Biopolymers. <i>Biotechnology Journal</i> , 2020, 15, e1900489.	3.5	92
21	Hydrogen Production from Methane by <i>Methylomonas</i> sp. DH-1 under Micro-aerobic Conditions. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 71-77.	2.6	12
22	Effect of DR1558, a <i>Deinococcus radiodurans</i> response regulator, on the production of GABA in the recombinant <i>Escherichia coli</i> under low pH conditions. <i>Microbial Cell Factories</i> , 2020, 19, 64.	4.0	12
23	Biosynthesis of polyhydroxyalkanoates from sucrose by metabolically engineered <i>Escherichia coli</i> strains. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 593-599.	7.5	30
24	Enhanced Production of 2,3-Butanediol in Recombinant <i>Escherichia coli</i> Using Response Regulator DR1558 Derived from <i>Deinococcus radiodurans</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 45-52.	2.6	11
25	A chemo-microbial hybrid process for the production of 2-pyrone-4,6-dicarboxylic acid as a promising bioplastic monomer from PET waste. <i>Green Chemistry</i> , 2020, 22, 3461-3469.	9.0	36
26	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.	7.0	50
27	High-Level Conversion of L-lysine into Cadaverine by <i>Escherichia coli</i> Whole Cell Biocatalyst Expressing <i>Hafnia alvei</i> L-lysine Decarboxylase. <i>Polymers</i> , 2019, 11, 1184.	4.5	21
28	Biological Valorization of Poly(ethylene terephthalate) Monomers for Upcycling Waste PET. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19396-19406.	6.7	141
29	Efficient and simultaneous cleaner production of biodiesel and glycerol carbonate in solvent-free system via statistical optimization. <i>Journal of Cleaner Production</i> , 2019, 218, 985-992.	9.3	20
30	Enhanced production of poly(ϵ -hydroxybutyrate (PHB) by expression of response regulator DR1558 in recombinant <i>Escherichia coli</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 131, 29-35.	7.5	26
31	Recent Advances in the Metabolic Engineering of <i>Klebsiella pneumoniae</i> : A Potential Platform Microorganism for Biorefineries. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 48-64.	2.6	34
32	Metabolic Engineering of <i>Corynebacterium glutamicum</i> for the High-Level Production of Cadaverine That Can Be Used for the Synthesis of Biopolyamide 510. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5296-5305.	6.7	83
33	Characterization of a Whole-Cell Biotransformation Using a Constitutive Lysine Decarboxylase from <i>Escherichia coli</i> for the High-Level Production of Cadaverine from Industrial Grade L-Lysine. <i>Applied Biochemistry and Biotechnology</i> , 2018, 185, 909-924.	2.9	21
34	One-step fermentative production of aromatic polyesters from glucose by metabolically engineered <i>Escherichia coli</i> strains. <i>Nature Communications</i> , 2018, 9, 79.	12.8	84
35	A Chimeric Two-Component Regulatory System-Based <i>Escherichia coli</i> Biosensor Engineered to Detect Glutamate. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 335-349.	2.9	10
36	Metabolic engineering of <i>Corynebacterium glutamicum</i> for fermentative production of chemicals in biorefinery. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3915-3937.	3.6	60

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37	Mass Transfer Performance of a String Film Reactor: A Bioreactor Design for Aerobic Methane Bioconversion. <i>Catalysts</i> , 2018, 8, 490.	3.5	11
38	Construction of a <i>Vitreoscilla</i> Hemoglobin Promoter-Based Tunable Expression System for <i>Corynebacterium glutamicum</i> . <i>Catalysts</i> , 2018, 8, 561.	3.5	10
39	Improved reutilization of industrial crude lysine to 1,5-diaminopentane by enzymatic decarboxylation using various detergents and organic solvents. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 1854-1859.	2.7	9
40	Enhanced production of gamma-aminobutyrate (GABA) in recombinant <i>Corynebacterium glutamicum</i> strains from empty fruit bunch biosugar solution. <i>Microbial Cell Factories</i> , 2018, 17, 129.	4.0	42
41	Recent advances in metabolic engineering of <i>Corynebacterium glutamicum</i> as a potential platform microorganism for biorefinery. <i>Biofuels, Bioproducts and Biorefining</i> , 2018, 12, 899-925.	3.7	34
42	Development of electrochemical biosensor for detection of pathogenic microorganism in Asian dust events. <i>Chemosphere</i> , 2017, 175, 269-274.	8.2	35
43	Engineering the xylose-catabolizing Dahms pathway for production of poly(D-lactate-co-glycolate) and poly(D-lactate-co-glycolate-co-D-2-hydroxybutyrate) in <i>Escherichia coli</i> . <i>Microbial Biotechnology</i> , 2017, 10, 1353-1364.		35
44	Engineered microbial biosensors based on bacterial two-component systems as synthetic biotechnology platforms in bioremediation and biorefinery. <i>Microbial Cell Factories</i> , 2017, 16, 62.	4.0	47
45	Screening of microorganisms able to degrade low-rank coal in aerobic conditions: Potential coal biosolubilization mediators from coal to biochemicals. <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 178-185.	2.6	26
46	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.	9.6	45
47	Biosynthesis of 2-Hydroxyacid-Containing Polyhydroxyalkanoates by Employing butyryl-CoA Transferases in Metabolically Engineered <i>Escherichia coli</i> . <i>Biotechnology Journal</i> , 2017, 12, 1700116.	3.5	18
48	Bio-solubilization of the untreated low rank coal by alkali-producing bacteria isolated from soil. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 105-109.	2.7	9
49	Enhancement of Lysine Production in Recombinant <i>Corynebacterium glutamicum</i> through Expression of <i>Deinococcus radiodurans</i> pprM and dr1558 Genes. <i>Microbiology and Biotechnology Letters</i> , 2017, 45, 271-275.	0.4	3
50	Gamma-aminobutyric acid production through GABA shunt by synthetic scaffolds introduction in recombinant <i>Escherichia coli</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 261-267.	2.6	14
51	Biosynthesis of poly(2-Hydroxyisovalerate-co-lactate) by metabolically engineered <i>Escherichia coli</i> . <i>Biotechnology Journal</i> , 2016, 11, 1572-1585.	3.5	25
52	Advances in the biological treatment of coal for synthetic natural gas and chemicals. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2788-2801.	2.7	23
53	Metabolic engineering of <i>Corynebacterium glutamicum</i> for enhanced production of 5-aminovaleric acid. <i>Microbial Cell Factories</i> , 2016, 15, 174.	4.0	96
54	Recombinant <i>Ralstonia eutropha</i> engineered to utilize xylose and its use for the production of poly(3-hydroxybutyrate) from sunflower stalk hydrolysate solution. <i>Microbial Cell Factories</i> , 2016, 15, 95.	4.0	66

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55	Redirection of Metabolic Flux into Novel Gamma-Aminobutyric Acid Production Pathway by Introduction of Synthetic Scaffolds Strategy in Escherichia Coli. Applied Biochemistry and Biotechnology, 2016, 178, 1315-1324.	2.9	11
56	Construction of heterologous gene expression cassettes for the development of recombinant Clostridium beijerinckii. Bioprocess and Biosystems Engineering, 2016, 39, 555-563.	3.4	4
57	Engineering the intracellular metabolism of Escherichia coli to produce gamma-aminobutyric acid by co-localization of GABA shunt enzymes. Biotechnology Letters, 2016, 38, 321-327.	2.2	20
58	Efficient production of gamma-aminobutyric acid using Escherichia coli by co-localization of glutamate synthase, glutamate decarboxylase, and GABA transporter. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 79-86.	3.0	27
59	Biosynthesis of poly(2-hydroxybutyrate-co-lactate) in metabolically engineered Escherichia coli. Biotechnology and Bioprocess Engineering, 2016, 21, 169-174.	2.6	25
60	One-step fermentative production of poly(lactate-co-glycolate) from carbohydrates in Escherichia coli. Nature Biotechnology, 2016, 34, 435-440.	17.5	182
61	Co-Localization of GABA Shunt Enzymes for the Efficient Production of Gamma-Aminobutyric Acid via GABA Shunt Pathway in Escherichia coli. Journal of Microbiology and Biotechnology, 2016, 26, 710-716.	2.1	11
62	Isolation and Proteomic Analysis of a Chlamydomonas reinhardtii Mutant with Enhanced Lipid Production by the Gamma Irradiation Method. Journal of Microbiology and Biotechnology, 2016, 26, 2066-2075.	2.1	5
63	Biosynthesis of Lactate-containing Polyhydroxyalkanoates in Recombinant Escherichia coli by Employing New CoA Transferases. KSB Journal, 2016, 31, 27-32.	0.2	8
64	Metabolic engineering of Escherichia coli for the production of 1,3-diaminopropane, a three carbon diamine. Scientific Reports, 2015, 5, 13040.	3.3	67
65	Production of gamma-aminobutyric acid from glucose by introduction of synthetic scaffolds between isocitrate dehydrogenase, glutamate synthase and glutamate decarboxylase in recombinant Escherichia coli. Journal of Biotechnology, 2015, 207, 52-57.	3.8	34
66	Construction of Synthetic Promoter-Based Expression Cassettes for the Production of Cadaverine in Recombinant Corynebacterium glutamicum. Applied Biochemistry and Biotechnology, 2015, 176, 2065-2075.	2.9	47
67	Development of rice bran treatment process and its use for the synthesis of polyhydroxyalkanoates from rice bran hydrolysate solution. Bioresource Technology, 2015, 181, 283-290.	9.6	42
68	Enhanced production of gamma-aminobutyrate (GABA) in recombinant Corynebacterium glutamicum by expressing glutamate decarboxylase active in expanded pH range. Microbial Cell Factories, 2015, 14, 21.	4.0	95
69	Fermentative l-lactic acid production from pretreated whole slurry of oil palm trunk treated by hydrothermolysis and subsequent enzymatic hydrolysis. Bioresource Technology, 2015, 185, 143-149.	9.6	34
70	Establishment of a biosynthesis pathway for (R)-3-hydroxyalkanoates in recombinant Escherichia coli. Korean Journal of Chemical Engineering, 2015, 32, 702-706.	2.7	3
71	Recent advances in development of biomass pretreatment technologies used in biorefinery for the production of bio-based fuels, chemicals and polymers. Korean Journal of Chemical Engineering, 2015, 32, 1945-1959.	2.7	104
72	Optimized Transformation of Newly Constructed Escherichia coli-Clostridia Shuttle Vectors into Clostridium beijerinckii. Applied Biochemistry and Biotechnology, 2015, 177, 226-236.	2.9	6

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73	Development of engineered <i>Escherichia coli</i> whole-cell biocatalysts for high-level conversion of L-lysine into cadaverine. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 1481-1491.	3.0	35
74	Metabolic engineering of <i>Ralstonia eutropha</i> for the production of polyhydroxyalkanoates from sucrose. <i>Biotechnology and Bioengineering</i> , 2015, 112, 638-643.	3.3	62
75	High-level conversion of L-lysine into 5-aminovalerate that can be used for nylon 6,5 synthesis. <i>Biotechnology Journal</i> , 2014, 9, 1322-1328.	3.5	64
76	Metabolic engineering of <i>Escherichia coli</i> for biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) from glucose. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 95-104.	3.6	76
77	Synthetic biology platform of CoryneBrick vectors for gene expression in <i>Corynebacterium glutamicum</i> and its application to xylose utilization. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5991-6002.	3.6	58
78	Improvement of gamma-amino butyric acid production by an overexpression of glutamate decarboxylase from <i>Pyrococcus horikoshii</i> in <i>Escherichia coli</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 327-331.	2.6	9
79	Direct bioconversion of d-xylose to 1,2,4-butanetriol in an engineered <i>Escherichia coli</i> . <i>Process Biochemistry</i> , 2014, 49, 25-32.	3.7	52
80	Development of Metabolic Engineering Strategies for Microbial Platform to Produce Bioplastics. <i>Applied Chemistry for Engineering</i> , 2014, 25, 134-141.	0.2	1
81	MaoC Mediated Biosynthesis of Medium-chain-length Polyhydroxyalkanoates in Recombinant <i>Escherichia coli</i> from Fatty Acid. <i>KSBB Journal</i> , 2014, 29, 244-249.	0.2	1
82	Synthesis of nylon 4 from gamma-aminobutyrate (GABA) produced by recombinant <i>Escherichia coli</i> . <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 885-892.	3.4	113
83	Efficient gamma-aminobutyric acid bioconversion by employing synthetic complex between glutamate decarboxylase and glutamate/GABA antiporter in engineered <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 927-933.	3.0	33
84	Expression characteristics of the <i>maeA</i> and <i>maeB</i> genes by extracellular malate and pyruvate in <i>Escherichia coli</i> . <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1443-1447.	2.7	3
85	Metabolic engineering of <i>Escherichia coli</i> for the production of 5-aminovalerate and glutarate as C5 platform chemicals. <i>Metabolic Engineering</i> , 2013, 16, 42-47.	7.0	140
86	Metabolic engineering of <i>Ralstonia eutropha</i> for the biosynthesis of 2-hydroxyacid-containing polyhydroxyalkanoates. <i>Metabolic Engineering</i> , 2013, 20, 20-28.	7.0	63
87	Overexpression of <i>Neurospora crassa</i> OR74A glutamate decarboxylase in <i>Escherichia coli</i> for efficient GABA production. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 1062-1066.	2.6	12
88	Propionyl-CoA dependent biosynthesis of 2-hydroxybutyrate containing polyhydroxyalkanoates in metabolically engineered <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2013, 165, 93-98.	3.8	38
89	Engineered fumarate sensing <i>Escherichia coli</i> based on novel chimeric two-component system. <i>Journal of Biotechnology</i> , 2013, 168, 560-566.	3.8	38
90	Recent advances in the metabolic engineering of microorganisms for the production of 3-hydroxypropionic acid as C3 platform chemical. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 3309-3321.	3.6	66

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91	Quantified High-Throughput Screening of <i>Escherichia coli</i> Producing Poly(3-hydroxybutyrate) Based on FACS. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1767-1779.	2.9	29
92	Combination of Entner-Doudoroff Pathway with MEP Increases Isoprene Production in Engineered <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2013, 8, e83290.	2.5	64
93	Advanced bacterial polyhydroxyalkanoates: Towards a versatile and sustainable platform for unnatural tailor-made polyesters. <i>Biotechnology Advances</i> , 2012, 30, 1196-1206.	11.7	150
94	Biosynthesis of lactate-containing polyesters by metabolically engineered bacteria. <i>Biotechnology Journal</i> , 2012, 7, 199-212.	3.5	35
95	Biosynthesis of polyhydroxyalkanoates containing 2-hydroxybutyrate from unrelated carbon source by metabolically engineered <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 273-283.	3.6	112
96	Tailor-made type II <i>Pseudomonas</i> PHA synthases and their use for the biosynthesis of polylactic acid and its copolymer in recombinant <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 603-614.	3.6	63
97	Biosynthesis of polylactic acid and its copolymers using evolved propionate CoA transferase and PHA synthase. <i>Biotechnology and Bioengineering</i> , 2010, 105, 150-160.	3.3	159
98	Metabolic engineering of <i>Escherichia coli</i> for the production of polylactic acid and its copolymers. <i>Biotechnology and Bioengineering</i> , 2010, 105, 161-171.	3.3	272
99	Biosynthesis of enantiopure (S)-3-hydroxybutyric acid in metabolically engineered <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2008, 79, 633-641.	3.6	38
100	Systems Biological Approach for the Production of Various Polyhydroxyalkanoates by Metabolically Engineered <i>Escherichia coli</i> . <i>Macromolecular Symposia</i> , 2005, 224, 1-10.	0.7	13
101	Engineering of <i>Escherichia coli</i> fatty acid metabolism for the production of polyhydroxyalkanoates. <i>Enzyme and Microbial Technology</i> , 2005, 36, 579-588.	3.2	57
102	Biosynthesis of (R)-3-Hydroxyalkanoic Acids by Metabolically Engineered <i>Escherichia coli</i> . <i>Applied Biochemistry and Biotechnology</i> , 2004, 114, 373-380.	2.9	25
103	New <i>fadB</i> homologous enzymes and their use in enhanced biosynthesis of medium-chain-length polyhydroxyalkanoates in <i>fadB</i> mutant <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2004, 86, 681-686.	3.3	21
104	Roles and applications of small heat shock proteins in the production of recombinant proteins in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2004, 88, 426-436.	3.3	47
105	Display of Bacterial Lipase on the <i>Escherichia coli</i> Cell Surface by Using <i>FadL</i> as an Anchoring Motif and Use of the Enzyme in Enantioselective Biocatalysis. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5074-5080.	3.1	57
106	In silico prediction and validation of the importance of the Entner-Doudoroff pathway in poly(3-hydroxybutyrate) production by metabolically engineered <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2003, 83, 854-863.	3.3	42
107	Enrichment of specific monomer in medium-chain-length poly(3-hydroxyalkanoates) by amplification of <i>fadD</i> and <i>fadE</i> genes in recombinant <i>Escherichia coli</i> . <i>Enzyme and Microbial Technology</i> , 2003, 33, 62-70.	3.2	22
108	Identification and Characterization of a New Enoyl Coenzyme A Hydratase Involved in Biosynthesis of Medium-Chain-Length Polyhydroxyalkanoates in Recombinant <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2003, 185, 5391-5397.	2.2	93

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109	Pilot scale production of poly(3-hydroxybutyrate-co-3-hydroxy-valerate) by fed-batch culture of recombinant <i>Escherichia coli</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2002, 7, 371-374.	2.6	27
110	Metabolic engineering of <i>Escherichia coli</i> for the production of medium-chain-length polyhydroxyalkanoates rich in specific monomers. <i>FEMS Microbiology Letters</i> , 2002, 214, 217-222.	1.8	52
111	Production of Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) by Metabolically Engineered <i>Escherichia coli</i> Strains. <i>Biomacromolecules</i> , 2001, 2, 248-254.	5.4	54
112	Secretory Production of Recombinant Protein by a High Cell Density Culture of a Protease Negative Mutant <i>Escherichia coli</i> Strain. <i>Biotechnology Progress</i> , 1999, 15, 164-167.	2.6	32