

Toshiaki Fukui

List of Publications by Year in Descending Order

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

105
papers

5,113
citations

42
h-index

69
g-index

110
ext. papers

5,584
ext. citations

4.6
avg, IF

5.22
L-index

#	Paper	IF	Citations
105	Biosynthesis of Polyhydroxyalkanoate Terpolymer from Methanol via the Reverse Oxidation Pathway in the Presence of Lanthanide.. <i>Microorganisms</i> , 2022 , 10,	4.9	3
104	Biosynthesis of Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) from CO by a Recombinant. <i>Bioengineering</i> , 2021 , 8,	5.3	3
103	Characterization of a GlgC homolog from extremely halophilic archaeon Haloarcula japonica. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021 , 85, 1441-1447	2.1	0
102	Isopropanol production with reutilization of glucose-derived CO by engineered <i>Ralstonia eutropha</i> . <i>Journal of Bioscience and Bioengineering</i> , 2021 , 132, 479-486	3.3	1
101	Methylotrophic bacterium-based molecular sensor for the detection of low concentrations of methanol. <i>Journal of Bioscience and Bioengineering</i> , 2021 , 132, 247-252	3.3	
100	A study on the effects of increment and decrement repeated fed-batch feeding of glucose on the production of poly(3-hydroxybutyrate) [P(3HB)] by a newly engineered <i>Cupriavidus necator</i> NSDG-GG mutant in batch fill-and-draw fermentation. <i>Journal of Biotechnology</i> , 2020 , 307, 77-86	3.7	4
99	Modification of acetoacetyl-CoA reduction step in <i>Ralstonia eutropha</i> for biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) from structurally unrelated compounds. <i>Microbial Cell Factories</i> , 2019 , 18, 147	6.4	9
98	Random mutagenesis of a hyperthermophilic archaeon identified tRNA modifications associated with cellular hyperthermotolerance. <i>Nucleic Acids Research</i> , 2019 , 47, 1964-1976	20.1	18
97	Two NADH-dependent (S)-3-hydroxyacyl-CoA dehydrogenases from polyhydroxyalkanoate-producing <i>Ralstonia eutropha</i> . <i>Journal of Bioscience and Bioengineering</i> , 2019 , 127, 294-300	3.3	6
96	Enhancement of bioplastic polyhydroxybutyrate P(3HB) production from glucose by newly engineered strain NSDG-GG using response surface methodology. <i>3 Biotech</i> , 2018 , 8, 330	2.8	6
95	Microbial Diversity in Sediments from the Bottom of the Challenger Deep, the Mariana Trench. <i>Microbes and Environments</i> , 2018 , 33, 186-194	2.6	49
94	Conversion of rice husks to polyhydroxyalkanoates (PHA) via a three-step process: optimized alkaline pretreatment, enzymatic hydrolysis, and biosynthesis by <i>Burkholderia cepacia</i> USM (JCM 15050). <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 100-108	3.5	48
93	Fractionation and thermal characteristics of biosynthesized polyhydroxyalkanoates bearing aromatic groups as side chains. <i>Polymer Journal</i> , 2017 , 49, 557-565	2.7	15
92	Complete biosynthetic pathway of the C50 carotenoid bacterioruberin from lycopene in the extremely halophilic archaeon <i>Haloarcula japonica</i> . <i>Journal of Bacteriology</i> , 2015 , 197, 1614-23	3.5	53
91	New Insight into the Role of the Calvin Cycle: Reutilization of CO ₂ Emitted through Sugar Degradation. <i>Scientific Reports</i> , 2015 , 5, 11617	4.9	23
90	Improved artificial pathway for biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) with high C ₆ -monomer composition from fructose in <i>Ralstonia eutropha</i> . <i>Metabolic Engineering</i> , 2015 , 27, 38-45	9.7	19
89	Compositional regulation of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) by replacement of granule-associated protein in <i>Ralstonia eutropha</i> . <i>Microbial Cell Factories</i> , 2015 , 14, 187	6.4	11

88	Characterization and gene deletion analysis of four homologues of group 3 pyridine nucleotide disulfide oxidoreductases from <i>Thermococcus kodakarensis</i> . <i>Extremophiles</i> , 2014 , 18, 603-16	3	4
87	Characterization of two members among the five ADP-forming acyl coenzyme A (Acyl-CoA) synthetases reveals the presence of a 2-(Imidazol-4-yl)acetyl-CoA synthetase in <i>Thermococcus kodakarensis</i> . <i>Journal of Bacteriology</i> , 2014 , 196, 140-7	3.5	14
86	Enhancement of glycerol utilization ability of <i>Ralstonia eutropha</i> H16 for production of polyhydroxyalkanoates. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 7559-68	5.7	24
85	Modification of β -oxidation pathway in <i>Ralstonia eutropha</i> for production of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) from soybean oil. <i>Journal of Bioscience and Bioengineering</i> , 2014 , 117, 184-190	3.3	40
84	Identification of carotenoids from the extremely halophilic archaeon <i>Haloarcula japonica</i> . <i>Frontiers in Microbiology</i> , 2014 , 5, 100	5.7	62
83	Genetic examination and mass balance analysis of pyruvate/amino acid oxidation pathways in the hyperthermophilic archaeon <i>Thermococcus kodakarensis</i> . <i>Journal of Bacteriology</i> , 2014 , 196, 3831-9	3.5	9
82	Metabolite profiles of polyhydroxyalkanoate-producing <i>Ralstonia eutropha</i> H16. <i>Metabolomics</i> , 2014 , 10, 190-202	4.7	21
81	Biosynthesis of polyhydroxyalkanoate copolymers from methanol by <i>Methylobacterium extorquens</i> AM1 and the engineered strains under cobalt-deficient conditions. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 3715-25	5.7	47
80	Detection of phase-dependent transcriptomic changes and Rubisco-mediated CO ₂ fixation into poly(3-hydroxybutyrate) under heterotrophic condition in <i>Ralstonia eutropha</i> H16 based on RNA-seq and gene deletion analyses. <i>BMC Microbiology</i> , 2013 , 13, 169	4.5	45
79	Gene analysis, expression, and characterization of an intracellular β -amylase from the extremely halophilic archaeon <i>Haloarcula japonica</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2013 , 77, 281-8	2.1	25
78	Thermostable alcohol dehydrogenase from <i>Thermococcus kodakarensis</i> KOD1 for enantioselective bioconversion of aromatic secondary alcohols. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 2209-17	4.8	21
77	Identification of mutation points in <i>Cupriavidus necator</i> NCIMB 11599 and genetic reconstitution of glucose-utilization ability in wild strain H16 for polyhydroxyalkanoate production. <i>Journal of Bioscience and Bioengineering</i> , 2012 , 113, 63-9	3.3	22
76	Application of a novel thermostable NAD(P)H oxidase from hyperthermophilic archaeon for the regeneration of both NAD ⁺ and NADP ⁺ . <i>Biotechnology and Bioengineering</i> , 2012 , 109, 53-62	4.9	30
75	Characterization and functional analyses of R-specific enoyl coenzyme A hydratases in polyhydroxyalkanoate-producing <i>Ralstonia eutropha</i> . <i>Applied and Environmental Microbiology</i> , 2012 , 78, 493-502	4.8	40
74	Mutational analysis of a CBM family 5 chitin-binding domain of an alkaline chitinase from <i>Bacillus</i> sp. J813. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012 , 76, 530-5	2.1	16
73	Overview of the genetic tools in the Archaea. <i>Frontiers in Microbiology</i> , 2012 , 3, 337	5.7	34
72	Evaluation of promoters for gene expression in polyhydroxyalkanoate-producing <i>Cupriavidus necator</i> H16. <i>Applied Microbiology and Biotechnology</i> , 2011 , 89, 1527-36	5.7	46
71	A calcium-dependent xylan-binding domain of alkaline xylanase from alkaliphilic <i>Bacillus</i> sp. strain 41M-1. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011 , 75, 379-81	2.1	9

70	Characterization of NADH oxidase/NADPH polysulfide oxidoreductase and its unexpected participation in oxygen sensitivity in an anaerobic hyperthermophilic archaeon. <i>Journal of Bacteriology</i> , 2010 , 192, 5192-202	3.5	18
69	Engineering of pha operon on <i>Cupriavidus necator</i> chromosome for efficient biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) from vegetable oil. <i>Polymer Degradation and Stability</i> , 2010 , 95, 1305-1312	4.7	55
68	Analysis of Functional Domains and Improvement of Alkaliphily of an Alkaline Xylanase on the Basis of Its Three-dimensional Structure. <i>Journal of Applied Glycoscience (1999)</i> , 2010 , 57, 145-150	1	3
67	Microbial synthesis of poly((R)-3-hydroxybutyrate-co-3-hydroxypropionate) from unrelated carbon sources by engineered <i>Cupriavidus necator</i> . <i>Biomacromolecules</i> , 2009 , 10, 700-6	6.9	53
66	Additional carbohydrate-binding modules enhance the insoluble substrate-hydrolytic activity of beta-1,3-glucanase from alkaliphilic <i>Nocardiopsis</i> sp. F96. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009 , 73, 1078-82	2.1	4
65	Improvement of alkaliphily of <i>Bacillus</i> alkaline xylanase by introducing amino acid substitutions both on catalytic cleft and protein surface. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009 , 73, 965-7	2.1	34
64	Targeted engineering of <i>Cupriavidus necator</i> chromosome for biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) from vegetable oil. <i>Canadian Journal of Chemistry</i> , 2008 , 86, 621-627	0.9	51
63	Disruption of a sugar transporter gene cluster in a hyperthermophilic archaeon using a host-marker system based on antibiotic resistance. <i>Journal of Bacteriology</i> , 2007 , 189, 2683-91	3.5	92
62	A novel ADP-forming succinyl-CoA synthetase in <i>Thermococcus kodakaraensis</i> structurally related to the archaeal nucleoside diphosphate-forming acetyl-CoA synthetases. <i>Journal of Biological Chemistry</i> , 2007 , 282, 26963-26970	5.4	31
61	Methionine sulfoxide reductase from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> , an enzyme designed to function at suboptimal growth temperatures. <i>Journal of Bacteriology</i> , 2007 , 189, 7134-44	3.5	15
60	Phosphoenolpyruvate synthase plays an essential role for glycolysis in the modified Embden-Meyerhof pathway in <i>Thermococcus kodakaraensis</i> . <i>Molecular Microbiology</i> , 2006 , 61, 898-909	4.1	57
59	Molecular identification of a novel beta-1,3-glucanase from alkaliphilic <i>Nocardiopsis</i> sp. strain F96. <i>Extremophiles</i> , 2006 , 10, 251-5	3	29
58	Functional Improvement of Xylanase by Introducing Mutated Xylan-binding Domain. <i>Journal of Applied Glycoscience (1999)</i> , 2006 , 53, 131-136	1	3
57	Continuous hydrogen production by the hyperthermophilic archaeon, <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Biotechnology</i> , 2005 , 116, 271-82	3.7	136
56	Characterization of an archaeal malic enzyme from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1. <i>Archaea</i> , 2005 , 1, 293-301	2	27
55	Characterization of a novel glucosamine-6-phosphate deaminase from a hyperthermophilic archaeon. <i>Journal of Bacteriology</i> , 2005 , 187, 7038-44	3.5	22
54	Improved and versatile transformation system allowing multiple genetic manipulations of the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> . <i>Applied and Environmental Microbiology</i> , 2005 , 71, 3889-99	4.8	180
53	Complete genome sequence of the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1 and comparison with <i>Pyrococcus</i> genomes. <i>Genome Research</i> , 2005 , 15, 352-63	9.7	343

52	Description of <i>Thermococcus kodakaraensis</i> sp. nov., a well studied hyperthermophilic archaeon previously reported as <i>Pyrococcus</i> sp. KOD1. <i>Archaea</i> , 2004 , 1, 263-7	2	235
51	Presence of a novel phosphopentomutase and a 2-deoxyribose 5-phosphate aldolase reveals a metabolic link between pentoses and central carbon metabolism in the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> . <i>Journal of Bacteriology</i> , 2004 , 186, 4185-91	3.5	42
50	Genetic evidence identifying the true gluconeogenic fructose-1,6-bisphosphatase in <i>Thermococcus kodakaraensis</i> and other hyperthermophiles. <i>Journal of Bacteriology</i> , 2004 , 186, 5799-807	3.5	85
49	First characterization of an archaeal GTP-dependent phosphoenolpyruvate carboxykinase from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Bacteriology</i> , 2004 , 186, 4620-7	3.5	35
48	Concerted action of diacetylchitobiose deacetylase and exo-beta-D-glucosaminidase in a novel chitinolytic pathway in the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 30021-7	5.4	64
47	Crystal structure of the (R)-specific enoyl-CoA hydratase from <i>Aeromonas caviae</i> involved in polyhydroxyalkanoate biosynthesis. <i>Journal of Biological Chemistry</i> , 2003 , 278, 617-24	5.4	63
46	Targeted gene disruption by homologous recombination in the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Bacteriology</i> , 2003 , 185, 210-20	3.5	231
45	Characterization of an exo-beta-D-glucosaminidase involved in a novel chitinolytic pathway from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Bacteriology</i> , 2003 , 185, 5175-81	3.5	86
44	Gene cloning and characterization of fructose-1,6-bisphosphate aldolase from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Bioscience and Bioengineering</i> , 2002 , 94, 237-243	3.3	24
43	Characterization of isocitrate dehydrogenase from the green sulfur bacterium <i>Chlorobium limicola</i> . A carbon dioxide-fixing enzyme in the reductive tricarboxylic acid cycle. <i>FEBS Journal</i> , 2002 , 269, 1926-31		37
42	Kinetic and biochemical analyses on the reaction mechanism of a bacterial ATP-citrate lyase. <i>FEBS Journal</i> , 2002 , 269, 3409-16		19
41	Characterization of an archaeal cyclodextrin glucanotransferase with a novel C-terminal domain. <i>Journal of Bacteriology</i> , 2002 , 184, 777-84	3.5	50
40	A membrane-bound archaeal Lon protease displays ATP-independent proteolytic activity towards unfolded proteins and ATP-dependent activity for folded proteins. <i>Journal of Bacteriology</i> , 2002 , 184, 3689-98	3.5	54
39	Engineering of <i>Ralstonia eutropha</i> for production of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) from fructose and solid-state properties of the copolymer. <i>Biomacromolecules</i> , 2002 , 3, 618-24	6.9	64
38	A novel candidate for the true fructose-1,6-bisphosphatase in archaea. <i>Journal of Biological Chemistry</i> , 2002 , 277, 30649-55	5.4	63
37	Gene cloning and characterization of fructose-1,6-bisphosphate aldolase from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Bioscience and Bioengineering</i> , 2002 , 94, 237-43	3.3	13
36	Characterization of isocitrate dehydrogenase from the green sulfur bacterium <i>Chlorobium limicola</i> 2002 , 269, 1926		5
35	Metal-binding properties of phytochelatin-related peptides. <i>Journal of Inorganic Biochemistry</i> , 2001 , 86, 595-602	4.2	46

34	ATP-citrate lyase from the green sulfur bacterium <i>Chlorobium limicola</i> is a heteromeric enzyme composed of two distinct gene products. <i>FEBS Journal</i> , 2001 , 268, 1670-1678		47
33	Crystallization and preliminary X-ray analysis of (R)-specific enoyl-CoA hydratase from <i>Aeromonas caviae</i> involved in polyhydroxyalkanoate biosynthesis. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001 , 57, 145-7		7
32	Crystal structure of a novel-type archaeal rubisco with pentagonal symmetry. <i>Structure</i> , 2001 , 9, 473-81	5.2	67
31	Chitinase from <i>Thermococcus kodakaraensis</i> KOD1. <i>Methods in Enzymology</i> , 2001 , 330, 319-29	1.7	25
30	Different cleavage specificities of the dual catalytic domains in chitinase from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Biological Chemistry</i> , 2001 , 276, 35629-35	5.4	75
29	Characterization of 13 kDa granule-associated protein in <i>Aeromonas caviae</i> and biosynthesis of polyhydroxyalkanoates with altered molar composition by recombinant bacteria. <i>Biomacromolecules</i> , 2001 , 2, 148-53	6.9	55
28	Molecular cloning of two (R)-specific enoyl-CoA hydratase genes from <i>Pseudomonas aeruginosa</i> and their use for polyhydroxyalkanoate synthesis. <i>FEMS Microbiology Letters</i> , 2000 , 184, 193-8	2.9	100
27	Anti-phytochelatin monoclonal antibody. <i>Biotechnology Letters</i> , 2000 , 22, 1423-1428	3	2
26	Factors affecting the freeze-fracture morphology of in vivo polyhydroxyalkanoate granules. <i>Canadian Journal of Microbiology</i> , 2000 , 46, 304-311	3.2	18
25	Production of Biodegradable Polyester by a Transgenic Tobacco. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999 , 63, 870-4	2.1	50
24	Co-expression of polyhydroxyalkanoate synthase and (R)-enoyl-CoA hydratase genes of <i>Aeromonas caviae</i> establishes copolyester biosynthesis pathway in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1999 , 170, 69-75	2.9	68
23	Co-expression of 3-ketoacyl-ACP reductase and polyhydroxyalkanoate synthase genes induces PHA production in <i>Escherichia coli</i> HB101 strain. <i>FEMS Microbiology Letters</i> , 1999 , 176, 183-90	2.9	80
22	Over-expression of 3-ketoacyl-ACP synthase III or malonyl-CoA-ACP transacylase gene induces monomer supply for polyhydroxybutyrate production in <i>Escherichia coli</i> HB101. <i>Biotechnology Letters</i> , 1999 , 21, 579-584	3	28
21	Biosynthesis of polyhydroxyalkanoates (PHA) by recombinant <i>Ralstonia eutropha</i> and effects of PHA synthase activity on in vivo PHA biosynthesis. <i>International Journal of Biological Macromolecules</i> , 1999 , 25, 69-77	7.9	70
20	Improved production of poly(4-hydroxybutyrate) by <i>Comamonas acidovorans</i> and its freeze-fracture morphology. <i>International Journal of Biological Macromolecules</i> , 1999 , 25, 79-85	7.9	34
19	Ribulose biphosphate carboxylase/oxygenase from the hyperthermophilic archaeon <i>Pyrococcus kodakaraensis</i> KOD1 is composed solely of large subunits and forms a pentagonal structure. <i>Journal of Molecular Biology</i> , 1999 , 293, 57-66	6.5	46
18	A unique chitinase with dual active sites and triple substrate binding sites from the hyperthermophilic archaeon <i>Pyrococcus kodakaraensis</i> KOD1. <i>Applied and Environmental Microbiology</i> , 1999 , 65, 5338-44	4.8	132
17	Morphological and ¹³ C-nuclear magnetic resonance studies for polyhydroxyalkanoate biosynthesis in <i>Pseudomonas</i> sp. 61-3. <i>FEMS Microbiology Letters</i> , 1998 , 164, 219-225	2.9	15

16	Genetic analysis of <i>Comamonas acidovorans</i> polyhydroxyalkanoate synthase and factors affecting the incorporation of 4-hydroxybutyrate monomer. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 3437-43	4.8	33
15	Cloning and molecular analysis of the Poly(3-hydroxybutyrate) and Poly(3-hydroxybutyrate-co-3-hydroxyalkanoate) biosynthesis genes in <i>Pseudomonas</i> sp. strain 61-3. <i>Journal of Bacteriology</i> , 1998 , 180, 6459-67	3.5	179
14	Expression and characterization of (R)-specific enoyl coenzyme A hydratase involved in polyhydroxyalkanoate biosynthesis by <i>Aeromonas caviae</i> . <i>Journal of Bacteriology</i> , 1998 , 180, 667-73	3.5	161
13	Cloning and analysis of the poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) biosynthesis genes of <i>Aeromonas caviae</i> . <i>Journal of Bacteriology</i> , 1997 , 179, 4821-30	3.5	215
12	Biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyvalerate- co-3-hydroxy-heptanoate) terpolymers by recombinant <i>Alcaligenes eutrophus</i> . <i>Biotechnology Letters</i> , 1997 , 19, 1093-1097	3	38
11	Enzymatic preparation of d-p -trimethylsilylphenylalanine. <i>Applied Microbiology and Biotechnology</i> , 1997 , 47, 114-119	5.7	12
10	Production of a novel copolyester of 3-hydroxybutyric acid and medium-chain-length 3-hydroxyalkanoic acids by <i>Pseudomonas</i> sp. 61-3 from sugars. <i>Applied Microbiology and Biotechnology</i> , 1996 , 45, 363-370	5.7	260
9	Biosynthesis of Polyester Blends by <i>Pseudomonas</i> sp. 61-3 from Alkanoic Acids. <i>Bulletin of the Chemical Society of Japan</i> , 1996 , 69, 515-520	5.1	32
8	Enzymatic preparation of optically active silyl-methanol derivatives having a stereogenic silicon atom by hydrolase-catalyzed enantioselective esterification. <i>Tetrahedron: Asymmetry</i> , 1994 , 5, 73-82		29
7	Enantioselective Bioconversion of Non-Natural Compounds. <i>Biocatalysis</i> , 1994 , 9, 343-352		5
6	Efficient kinetic resolution of organosilicon compounds by stereoselective esterification with hydrolases in organic solvent. <i>Applied Microbiology and Biotechnology</i> , 1993 , 38, 482	5.7	19
5	Bioconversion of Nonnatural Organic Compounds. <i>Annals of the New York Academy of Sciences</i> , 1992 , 672, 431-435	6.5	2
4	Kinetic resolution of organosilicon compounds by stereoselective dehydrogenation with horse liver alcohol dehydrogenase. <i>Applied Microbiology and Biotechnology</i> , 1992 , 38, 209-13	5.7	16
3	Stereoselective esterification of halogen-containing carboxylic acids by lipase in organic solvent: effects of alcohol chain length. <i>Applied Microbiology and Biotechnology</i> , 1990 , 34, 47	5.7	39
2	Molecular cloning of two (R)-specific enoyl-CoA hydratase genes from <i>Pseudomonas aeruginosa</i> and their use for polyhydroxyalkanoate synthesis		3
1	Co-expression of polyhydroxyalkanoate synthase and (R)-enoyl-CoA hydratase genes of <i>Aeromonas caviae</i> establishes copolyester biosynthesis pathway in <i>Escherichia coli</i>		1