

# Deok-Kun Oh

## List of Publications by Citations

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192  
papers

4,307  
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ext. papers

4,882  
ext. citations

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#	Paper	IF	Citations
192	Galacto-oligosaccharide production using microbial beta-galactosidase: current state and perspectives. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 85, 1279-86	5.7	181
191	Biotransformation of ginsenosides by hydrolyzing the sugar moieties of ginsenosides using microbial glycosidases. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 87, 9-19	5.7	172
190	Tagatose: properties, applications, and biotechnological processes. <i>Applied Microbiology and Biotechnology</i> , <b>2007</b> , 76, 1-8	5.7	165
189	Multistep enzymatic synthesis of long-chain $\omega$ -dicarboxylic and $\omega$ -hydroxycarboxylic acids from renewable fatty acids and plant oils. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2534-7	16.4	163
188	Production of hydroxy fatty acids by microbial fatty acid-hydroxylation enzymes. <i>Biotechnology Advances</i> , <b>2013</b> , 31, 1473-85	17.8	117
187	RNA aptamer-conjugated liposome as an efficient anticancer drug delivery vehicle targeting cancer cells in vivo. <i>Journal of Controlled Release</i> , <b>2014</b> , 196, 234-42	11.7	102
186	Ginsenoside compound K production from ginseng root extract by a thermostable beta-glycosidase from <i>Sulfolobus solfataricus</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2009</b> , 73, 316-21	2.1	98
185	Lactulose production from lactose and fructose by a thermostable $\beta$ -galactosidase from <i>Sulfolobus solfataricus</i> . <i>Enzyme and Microbial Technology</i> , <b>2006</b> , 39, 903-908	3.8	95
184	Lipoxygenases: potential starting biocatalysts for the synthesis of signaling compounds. <i>Biotechnology Advances</i> , <b>2012</b> , 30, 1524-32	17.8	85
183	Production of 10-hydroxystearic acid from oleic acid by whole cells of recombinant <i>Escherichia coli</i> containing oleate hydratase from <i>Stenotrophomonas maltophilia</i> . <i>Journal of Biotechnology</i> , <b>2012</b> , 158, 17-23	3.7	75
182	Lactulose production from lactose as a single substrate by a thermostable cellobiose 2-epimerase from <i>Caldicellulosiruptor saccharolyticus</i> . <i>Bioresource Technology</i> , <b>2012</b> , 104, 668-72	11	74
181	Characterization of a recombinant cellobiose 2-epimerase from <i>Caldicellulosiruptor saccharolyticus</i> and its application in the production of mannose from glucose. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 92, 1187-96	5.7	72
180	Production of the rare ginsenosides compound K, compound Y, and compound Mc by a thermostable beta-glycosidase from <i>Sulfolobus acidocaldarius</i> . <i>Biological and Pharmaceutical Bulletin</i> , <b>2009</b> , 32, 1830-5	2.3	63
179	Galactooligosaccharide production by a thermostable $\beta$ -galactosidase from <i>Sulfolobus solfataricus</i> . <i>World Journal of Microbiology and Biotechnology</i> , <b>2008</b> , 24, 1553-1558	4.4	60
178	Increase of lycopene production by supplementing auxiliary carbon sources in metabolically engineered <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 90, 489-97	5.7	57
177	Effects of galactose and glucose on the hydrolysis reaction of a thermostable beta-galactosidase from <i>Caldicellulosiruptor saccharolyticus</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 85, 1427-35	5.7	57
176	Biotransformation of Linoleic Acid into Hydroxy Fatty Acids and Carboxylic Acids Using a Linoleate Double Bond Hydratase as Key Enzyme. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 408-416	5.6	53

175	Simultaneous Enzyme/Whole-Cell Biotransformation of Plant Oils into C9 Carboxylic Acids. <i>ACS Catalysis</i> , <b>2016</b> , 6, 7547-7553	13.1	50
174	Characterization of a recombinant beta-glucosidase from the thermophilic bacterium <i>Caldicellulosiruptor saccharolyticus</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>2009</b> , 108, 36-40	3.3	49
173	Ginsenoside Rd production from the major ginsenoside Rb(1) by beta-glucosidase from <i>Thermus caldophilus</i> . <i>Biotechnology Letters</i> , <b>2008</b> , 30, 713-6	3	49
172	Biochemical characterization and FAD-binding analysis of oleate hydratase from <i>Macrococcus caseolyticus</i> . <i>Biochimie</i> , <b>2012</b> , 94, 907-15	4.6	48
171	Production of 10-hydroxystearic acid from oleic acid and olive oil hydrolyzate by an oleate hydratase from <i>Lysinibacillus fusiformis</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2012</b> , 95, 929-37	5.7	48
170	Prostaglandin synthases: Molecular characterization and involvement in prostaglandin biosynthesis. <i>Progress in Lipid Research</i> , <b>2017</b> , 66, 50-68	14.3	47
169	Hydrolysis of isoflavone glycosides by a thermostable $\beta$ -glucosidase from <i>Pyrococcus furiosus</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 1535-41	5.7	47
168	Bioprocess engineering to produce 10-hydroxystearic acid from oleic acid by recombinant <i>Escherichia coli</i> expressing the oleate hydratase gene of <i>Stenotrophomonas maltophilia</i> . <i>Process Biochemistry</i> , <b>2012</b> , 47, 941-947	4.8	44
167	Improvement in the thermostability of D-psicose 3-epimerase from <i>Agrobacterium tumefaciens</i> by random and site-directed mutagenesis. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 7316-20	4.8	44
166	Production of aglycon protopanaxadiol via compound K by a thermostable $\beta$ -glucosidase from <i>Pyrococcus furiosus</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 89, 1019-28	5.7	41
165	Characterization of a recombinant cellobiose 2-epimerase from <i>Dictyoglomus turgidum</i> that epimerizes and isomerizes $\beta$ -1,4- and $\beta$ -1,4-gluco-oligosaccharides. <i>Biotechnology Letters</i> , <b>2012</b> , 34, 2061-8	3	40
164	Multistep Enzymatic Synthesis of Long-Chain $\omega$ -Dicarboxylic and $\omega$ -Hydroxycarboxylic Acids from Renewable Fatty Acids and Plant Oils. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 2594-2597	3.6	40
163	Classification of glycosidases that hydrolyze the specific positions and types of sugar moieties in ginsenosides. <i>Critical Reviews in Biotechnology</i> , <b>2016</b> , 36, 1036-1049	9.4	38
162	Microbial metabolism and biotechnological production of D-allose. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 91, 229-35	5.7	37
161	Characterization of a $\beta$ -glucosidase from <i>Sulfolobus solfataricus</i> for isoflavone glycosides. <i>Biotechnology Letters</i> , <b>2012</b> , 34, 125-9	3	36
160	Borate enhances the production of lactulose from lactose by cellobiose 2-epimerase from <i>Caldicellulosiruptor saccharolyticus</i> . <i>Bioresource Technology</i> , <b>2013</b> , 128, 809-12	11	36
159	Whole-Cell Photoenzymatic Cascades to Synthesize Long-Chain Aliphatic Amines and Esters from Renewable Fatty Acids. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7024-7028	16.4	34
158	Substrate specificity of a recombinant chicken beta-carotene 15,15 $\alpha$ -monooxygenase that converts beta-carotene into retinal. <i>Biotechnology Letters</i> , <b>2009</b> , 31, 403-8	3	34

157	New biotransformation process for production of the fragrant compound $\epsilon$ -dodecalactone from 10-hydroxystearate by permeabilized <i>Waltomyces lipofer</i> cells. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 2636-41	4.8	32
156	Characterization of a GH3 family $\beta$ -glucosidase from <i>Dictyoglomus turgidum</i> and its application to the hydrolysis of isoflavone glycosides in spent coffee grounds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 11812-8	5.7	31
155	Characterization of ribose-5-phosphate isomerase of <i>Clostridium thermocellum</i> producing D-allose from D-psicose. <i>Biotechnology Letters</i> , <b>2007</b> , 29, 1387-91	3	31
154	Microbial synthesis of plant oxylipins from $\epsilon$ -linolenic acid through designed biotransformation pathways. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 2773-81	5.7	28
153	Conversion of oleic acid to 10-hydroxystearic acid by whole cells of <i>Stenotrophomonas nitritireducens</i> . <i>Biotechnology Letters</i> , <b>2011</b> , 33, 993-7	3	28
152	Enantioselective production of 2,2-dimethylcyclopropane carboxylic acid from 2,2-dimethylcyclopropane carbonitrile using the nitrile hydratase and amidase of <i>Rhodococcus erythropolis</i> ATCC 25544. <i>Enzyme and Microbial Technology</i> , <b>2007</b> , 41, 842-848	3.8	28
151	Unveiling of novel regio-selective fatty acid double bond hydratases from <i>Lactobacillus acidophilus</i> involved in the selective oxyfunctionalization of mono- and di-hydroxy fatty acids. <i>Biotechnology and Bioengineering</i> , <b>2015</b> , 112, 2206-13	4.9	27
150	D-Allulose Production from D-Fructose by Permeabilized Recombinant Cells of <i>Corynebacterium glutamicum</i> Cells Expressing D-Allulose 3-Epimerase Flavonifractor plautii. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160044	3.7	27
149	Production of d-psicose from d-fructose by whole recombinant cells with high-level expression of d-psicose 3-epimerase from <i>Agrobacterium tumefaciens</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>2016</b> , 121, 186-90	3.3	26
148	Characterization of a novel recombinant $\beta$ -glucosidase from <i>Sphingopyxis alaskensis</i> that specifically hydrolyzes the outer glucose at the C-3 position in protopanaxadiol-type ginsenosides. <i>Journal of Biotechnology</i> , <b>2014</b> , 172, 30-7	3.7	26
147	Increase in the production of $\beta$ -carotene in recombinant <i>Escherichia coli</i> cultured in a chemically defined medium supplemented with amino acids. <i>Biotechnology Letters</i> , <b>2013</b> , 35, 265-71	3	26
146	Production of 13S-hydroxy-9(Z)-octadecenoic acid from linoleic acid by whole recombinant cells expressing linoleate 13-hydratase from <i>Lactobacillus acidophilus</i> . <i>Journal of Biotechnology</i> , <b>2015</b> , 208, 1-10	3.7	26
145	Substrate specificity of a glucose-6-phosphate isomerase from <i>Pyrococcus furiosus</i> for monosaccharides. <i>Applied Microbiology and Biotechnology</i> , <b>2009</b> , 83, 295-303	5.7	26
144	Compound K Production from Red Ginseng Extract by $\beta$ -Glucosidase from <i>Sulfolobus solfataricus</i> Supplemented with $\beta$ -L-Arabinofuranosidase from <i>Caldicellulosiruptor saccharolyticus</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0145876	3.7	26
143	Design and engineering of whole-cell biocatalytic cascades for the valorization of fatty acids. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 46-64	5.5	26
142	Hydrolysis of flavanone glycosides by $\beta$ -glucosidase from <i>Pyrococcus furiosus</i> and its application to the production of flavanone aglycones from citrus extracts. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 11532-40	5.7	25
141	In vitro characterization of a recombinant Blh protein from an uncultured marine bacterium as a beta-carotene 15,15-dioxygenase. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 15781-93	5.4	25
140	Characterization of a recombinant thermostable L: -rhamnose isomerase from <i>Thermotoga maritima</i> ATCC 43589 and its application in the production of L-lyxose and L-mannose. <i>Biotechnology Letters</i> , <b>2010</b> , 32, 1947-53	3	25

139	Tagatose production with pH control in a stirred tank reactor containing immobilized L-arabinose from <i>Thermotoga neapolitana</i> . <i>Applied Biochemistry and Biotechnology</i> , <b>2008</b> , 149, 245-53	3.2	25
138	L-Ribulose production from L-arabinose by an L-arabinose isomerase mutant from <i>Geobacillus thermodenitrificans</i> . <i>Biotechnology Letters</i> , <b>2008</b> , 30, 1789-93	3	25
137	Increased Production of Food-Grade d-Tagatose from d-Galactose by Permeabilized and Immobilized Cells of <i>Corynebacterium glutamicum</i> , a GRAS Host, Expressing d-Galactose Isomerase from <i>Geobacillus thermodenitrificans</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 8146-8153	5.7	24
136	Characterization of a recombinant mannobiose 2-epimerase from <i>Spirochaeta thermophila</i> that is suggested to be a cellobiose 2-epimerase. <i>Biotechnology Letters</i> , <b>2013</b> , 35, 1873-80	3	24
135	Characterization of a thermostable endo-1,5- $\alpha$ -L-arabinanase from <i>Caldicellulosiruptor saccharolyticus</i> . <i>Biotechnology Letters</i> , <b>2009</b> , 31, 1439-43	3	24
134	Production of 5,8-dihydroxy-9,12(Z,Z)-octadecadienoic acid from linoleic acid by whole recombinant <i>Escherichia coli</i> cells expressing diol synthase from <i>Aspergillus nidulans</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 7447-56	5.7	23
133	Substrate specificity of a recombinant D-lyxose isomerase from <i>Providencia stuartii</i> for monosaccharides. <i>Journal of Bioscience and Bioengineering</i> , <b>2010</b> , 110, 26-31	3.3	23
132	d- Psicose production from d-fructose using an isolated strain, <i>Sinorhizobium</i> sp.. <i>World Journal of Microbiology and Biotechnology</i> , <b>2007</b> , 23, 559-563	4.4	23
131	Characterization of a F280N variant of L-arabinose isomerase from <i>Geobacillus thermodenitrificans</i> identified as a D-galactose isomerase. <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 9271-81	5.7	22
130	Hydrolysis and transglycosylation activity of a thermostable recombinant beta-glycosidase from <i>Sulfolobus acidocaldarius</i> . <i>Applied Biochemistry and Biotechnology</i> , <b>2010</b> , 160, 2236-47	3.2	21
129	Biotransformation of Food-Derived Saponins, Platycosides, into Deglucosylated Saponins Including Deglucosylated Platycodin D and Their Anti-Inflammatory Activities. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 1470-1477	5.7	21
128	Complete Biotransformation of Protopanaxadiol-Type Ginsenosides to 20- O- $\beta$ -Glucopyranosyl-20(S)-protopanaxadiol Using a Novel and Thermostable $\beta$ -Glucosidase. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 2822-2829	5.7	20
127	Production of a novel compound, 10,12-dihydroxystearic acid from ricinoleic acid by an oleate hydratase from <i>Lysinibacillus fusiformis</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 8987-95	5.7	20
126	Regiospecificity of a novel bacterial lipoxygenase from <i>Myxococcus xanthus</i> for polyunsaturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2018</b> , 1863, 823-833	5	19
125	20-O- $\beta$ -glucopyranosyl-20(S)-protopanaxadiol, a metabolite of ginsenoside Rb1, enhances the production of hyaluronic acid through the activation of ERK and Akt mediated by Src tyrosin kinase in human keratinocytes. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 35, 1388-94	4.4	19
124	Mannose production from fructose by free and immobilized D-lyxose isomerases from <i>Providencia stuartii</i> . <i>Biotechnology Letters</i> , <b>2010</b> , 32, 1305-9	3	19
123	Conversion of linoleic acid into 10-Hydroxy-12(Z)-octadecenoic acid by whole cells of <i>Stenotrophomonas nitritireducens</i> . <i>Biotechnology Progress</i> , <b>2008</b> , 24, 182-6	2.8	19
122	Multilayer Engineering of Enzyme Cascade Catalysis for One-Pot Preparation of Nylon Monomers from Renewable Fatty Acids. <i>ACS Catalysis</i> , <b>2020</b> , 10, 4871-4878	13.1	18

121	Biotransformation of polyunsaturated fatty acids to bioactive hepoxilins and trioxilins by microbial enzymes. <i>Nature Communications</i> , <b>2018</b> , 9, 128	17.4	18
120	Increased D-allose production by the R132E mutant of ribose-5-phosphate isomerase from <i>Clostridium thermocellum</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 89, 1859-66	5.7	18
119	Characterization of a mannose-6-phosphate isomerase from <i>Geobacillus thermodenitrificans</i> that converts monosaccharides. <i>Biotechnology Letters</i> , <b>2009</b> , 31, 1273-8	3	18
118	Characterization of a recombinant L-fucose isomerase from <i>Caldicellulosiruptor saccharolyticus</i> that isomerizes L-fucose, D-arabinose, D-altrose, and L-galactose. <i>Biotechnology Letters</i> , <b>2010</b> , 32, 299-304	3.4	18
117	Comparison of Biochemical Properties of the Original and Newly Identified Oleate Hydratases from <i>Stenotrophomonas maltophilia</i> . <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	17
116	Characterization of an omega-6 linoleate lipoxygenase from <i>Burkholderia thailandensis</i> and its application in the production of 13-hydroxyoctadecadienoic acid. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 5487-97	5.7	17
115	Increased production of lactones from hydroxy fatty acids by whole <i>Waltomyces lipofer</i> cells induced with oleic acid. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 8265-72	5.7	17
114	Retinal production from beta-carotene by beta-carotene 15,15-dioxygenase from an unculturable marine bacterium. <i>Biotechnology Letters</i> , <b>2010</b> , 32, 957-61	3	17
113	Optimized formation of detergent micelles of beta-carotene and retinal production using recombinant human beta,beta-carotene 15,15-monooxygenase. <i>Biotechnology Progress</i> , <b>2008</b> , 24, 227-31.8	3.8	17
112	L-Ribose production from L-arabinose by immobilized recombinant <i>Escherichia coli</i> co-expressing the L-arabinose isomerase and mannose-6-phosphate isomerase genes from <i>Geobacillus thermodenitrificans</i> . <i>Applied Biochemistry and Biotechnology</i> , <b>2014</b> , 172, 275-88	3.2	16
111	$\beta$ -glucosidase from <i>Penicillium aculeatum</i> hydrolyzes exo-, 3-O-, and 6-O- $\beta$ -glucosides but not 20-O- $\beta$ -glucoside and other glycosides of ginsenosides. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 6315-24	5.7	16
110	Complete conversion of major protopanaxadiol ginsenosides to compound K by the combined use of $\beta$ -L-arabinofuranosidase and $\beta$ -galactosidase from <i>Caldicellulosiruptor saccharolyticus</i> and $\beta$ -glucosidase from <i>Sulfolobus acidocaldarius</i> . <i>Journal of Biotechnology</i> , <b>2013</b> , 167, 33-40	3.7	16
109	Substrate specificity of <i>Stenotrophomonas nitritireducens</i> in the hydroxylation of unsaturated fatty acid. <i>Applied Microbiology and Biotechnology</i> , <b>2008</b> , 78, 157-63	5.7	16
108	Characterization of a recombinant L-rhamnose isomerase from <i>Dictyoglomus turgidum</i> and its application for L-rhamnulose production. <i>Biotechnology Letters</i> , <b>2013</b> , 35, 259-64	3	15
107	Production of rare ginsenosides (compound Mc, compound Y and aglycon protopanaxadiol) by $\beta$ -glucosidase from <i>Dictyoglomus turgidum</i> that hydrolyzes linked, but not linked, sugars in ginsenosides. <i>Biotechnology Letters</i> , <b>2012</b> , 34, 1679-86	3	15
106	Biotransformation of carotenoids to retinal by carotenoid 15,15-dioxygenase. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 88, 807-16	5.7	15
105	Characterization of a novel 8R,11S-linoleate diol synthase from <i>Penicillium chrysogenum</i> by identification of its enzymatic products. <i>Journal of Lipid Research</i> , <b>2016</b> , 57, 207-18	6.3	14
104	Gene cloning of an efficiency oleate hydratase from <i>Stenotrophomonas nitritireducens</i> for polyunsaturated fatty acids and its application in the conversion of plant oils to 10-hydroxy fatty acids. <i>Biotechnology and Bioengineering</i> , <b>2017</b> , 114, 74-82	4.9	14

103	Characterization of a recombinant thermostable D-lyxose isomerase from <i>Dictyoglomus turgidum</i> that produces D-lyxose from D-xylulose. <i>Biotechnology Letters</i> , <b>2012</b> , 34, 1079-85	3	14
102	Crystal structure of <i>Clostridium thermocellum</i> ribose-5-phosphate isomerase B reveals properties critical for fast enzyme kinetics. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 90, 517-27	5.7	14
101	Substrate specificity of ribose-5-phosphate isomerases from <i>Clostridium difficile</i> and <i>Thermotoga maritima</i> . <i>Biotechnology Letters</i> , <b>2010</b> , 32, 829-35	3	14
100	Effective production of retinal from beta-carotene using recombinant mouse beta-carotene 15,15-monooxygenase. <i>Applied Microbiology and Biotechnology</i> , <b>2007</b> , 76, 1339-45	5.7	14
99	Enzymatic Biotransformation of Balloon Flower Root Saponins into Bioactive Platycodin D by Deglucosylation with $\beta$ -Glucosidase. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	13
98	Promotion of adipogenesis by 15-(S)-hydroxyeicosatetraenoic acid. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2016</b> , 123, 1-8	3.7	13
97	Quercetin production from rutin by a thermostable $\beta$ -rutosidase from <i>Pyrococcus furiosus</i> . <i>Biotechnology Letters</i> , <b>2012</b> , 34, 483-9	3	13
96	Production of 10-hydroxy-12,15(Z,Z)-octadecadienoic acid from $\beta$ -linolenic acid by permeabilized cells of recombinant <i>Escherichia coli</i> expressing the oleate hydratase gene of <i>Stenotrophomonas maltophilia</i> . <i>Biotechnology Letters</i> , <b>2013</b> , 35, 1487-93	3	13
95	Ginsenoside F1 production from ginsenoside Rg1 by a purified $\beta$ -glucosidase from <i>Fusarium moniliforme</i> var. <i>subglutinans</i> . <i>Biotechnology Letters</i> , <b>2011</b> , 33, 2457-61	3	13
94	Substrate specificity of $\beta$ -glucosidase from <i>Gordonia terrae</i> for ginsenosides and its application in the production of ginsenosides Rg $\beta$ , Rg $\gamma$ and Rh $\beta$ from ginseng root extract. <i>Journal of Bioscience and Bioengineering</i> , <b>2015</b> , 119, 497-504	3.3	12
93	Enhancement of retinal production by supplementing the surfactant Span 80 using metabolically engineered <i>Escherichia coli</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>2012</b> , 113, 461-6	3.3	12
92	Production of $\beta$ -apo-10'-carotenal from $\beta$ -carotene by human $\beta$ -carotene-9',10'-oxygenase expressed in <i>E. coli</i> . <i>Biotechnology Letters</i> , <b>2011</b> , 33, 1195-200	3	12
91	Characterization of a recombinant endo-1,5- $\beta$ -arabinanase from the isolated bacterium <i>Bacillus licheniformis</i> . <i>Biotechnology and Bioprocess Engineering</i> , <b>2010</b> , 15, 590-594	3.1	12
90	Differential selectivity of the <i>Escherichia coli</i> cell membrane shifts the equilibrium for the enzyme-catalyzed isomerization of galactose to tagatose. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 2307-13	4.8	12
89	Alternative Biotransformation of Retinal to Retinoic Acid or Retinol by an Aldehyde Dehydrogenase from <i>Bacillus cereus</i> . <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 3940-3946	4.8	12
88	Production of $\beta$ -decalactone from linoleic acid via 13-hydroxy-9(Z)-octadecenoic acid intermediate by one-pot reaction using linoleate 13-hydratase and whole <i>Yarrowia lipolytica</i> cells. <i>Biotechnology Letters</i> , <b>2016</b> , 38, 817-23	3	11
87	Production of aglycone protopanaxatriol from ginseng root extract using <i>Dictyoglomus turgidum</i> $\beta$ -glycosidase that specifically hydrolyzes the xylose at the C-6 position and the glucose in protopanaxatriol-type ginsenosides. <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 3659-67	5.7	11
86	Selective Production of 9R-Hydroxy-10E,12Z,15Z-Octadecatrienoic Acid from $\beta$ -Linolenic Acid in Perilla Seed Oil Hydrolyzate by a Lipoyxygenase from <i>Nostoc</i> Sp. SAG 25.82. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137783 <sup>37</sup>	3.7	11

85	Characterization of $\beta$ -xylosidase from <i>Thermoanaerobacterium thermosaccharolyticum</i> and its application to the production of ginsenosides Rg1 and Rh 1 from notoginsenosides R 1 and R 2. <i>Biotechnology Letters</i> , <b>2014</b> , 36, 2275-81	3	11
84	Mutational analysis of the active site residues of a D: -psicose 3-epimerase from <i>Agrobacterium tumefaciens</i> . <i>Biotechnology Letters</i> , <b>2010</b> , 32, 261-8	3	11
83	Biotransformation of Fructose to Allose by a One-Pot Reaction Using -Allulose 3-Epimerase and Ribose 5-Phosphate Isomerase. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 418-424	3.3	11
82	Molecular insights into lipoxygenases for biocatalytic synthesis of diverse lipid mediators. <i>Progress in Lipid Research</i> , <b>2021</b> , 83, 101110	14.3	11
81	13-Hydroxy-9Z,11E-Octadecadienoic Acid Production by Recombinant Cells Expressing <i>Burkholderia thailandensis</i> 13-Lipoxygenase. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2015</b> , 92, 1259-1266	1.8	10
80	Biochemical properties of retinoid-converting enzymes and biotechnological production of retinoids. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 7813-26	5.7	10
79	Conversion of Glycosylated Platycoside E to Deapiose-Xylosylated Platycodin D by Cytolase PCL5. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
78	Improved conversion of ginsenoside Rb to compound K by semi-rational design of <i>Sulfolobus solfataricus</i> $\beta$ -glucosidase. <i>AMB Express</i> , <b>2017</b> , 7, 186	4.1	10
77	Production of ginsenosides Rg1 and Rh1 by hydrolyzing the outer glycoside at the C-6 position in protopanaxatriol-type ginsenosides using $\beta$ -glucosidase from <i>Pyrococcus furiosus</i> . <i>Biotechnology Letters</i> , <b>2014</b> , 36, 113-9	3	10
76	Roles of Ile66 and Ala107 of D-psicose 3-epimerase from <i>Agrobacterium tumefaciens</i> in binding O6 of its substrate, D-fructose. <i>Biotechnology Letters</i> , <b>2010</b> , 32, 113-8	3	10
75	High-yield production of pure tagatose from fructose by a three-step enzymatic cascade reaction. <i>Biotechnology Letters</i> , <b>2017</b> , 39, 1141-1148	3	9
74	The Ginsenoside Derivative 20(S)-Protopanaxadiol Inhibits Solar Ultraviolet Light-Induced Matrix Metalloproteinase-1 Expression. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 3756-3764	4.7	9
73	Enzymatic synthesis of new hepoxilins and trioxilins from polyunsaturated fatty acids. <i>Green Chemistry</i> , <b>2019</b> , 21, 3172-3181	10	9
72	Complete Biotransformation of Protopanaxadiol-Type Ginsenosides into 20--Glucopyranosyl-20()-protopanaxadiol by Permeabilized Recombinant Cells Coexpressing $\beta$ -Glucosidase and Chaperone Genes. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 8393-8401	5.7	9
71	Characterization of a glycoside hydrolase family 42 $\beta$ -galactosidase from <i>Deinococcus geothermalis</i> . <i>Biotechnology Letters</i> , <b>2011</b> , 33, 577-83	3	9
70	Substrate specificity of a recombinant ribose-5-phosphate isomerase from <i>Streptococcus pneumoniae</i> and its application in the production of l-lyxose and l-tagatose. <i>World Journal of Microbiology and Biotechnology</i> , <b>2011</b> , 27, 743-750	4.4	9
69	An L213A variant of $\beta$ -glucosidase from <i>Sulfolobus solfataricus</i> with increased $\beta$ -L-arabinofuranosidase activity converts ginsenoside Rc to compound K. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191018	3.7	9
68	Discovery and Engineering of a Microbial Double-Oxygenating Lipoxygenase for Synthesis of Dihydroxy Fatty Acids as Specialized Proresolving Mediators. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 16172-16183	8.3	9



67	Stabilization and improved activity of arachidonate 11-lipoxygenase from proteobacterium. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 2153-2163	6.3	9
66	Microbial Synthesis of Linoleate 9 S-Lipoxygenase Derived Plant C18 Oxylipins from C18 Polyunsaturated Fatty Acids. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 3209-3219	5.7	8
65	Characterization of a recombinant 7,8-linoleate diol synthase from <i>Glomerella cingulate</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 3087-99	5.7	8
64	Highly selective hydrolysis for the outer glucose at the C-20 position in ginsenosides by $\beta$ -glucosidase from <i>Thermus thermophilus</i> and its application to the production of ginsenoside F2 from gypenoside XVII. <i>Biotechnology Letters</i> , <b>2014</b> , 36, 1287-93	3	8
63	Production of 8-hydroxy-9,12(Z,Z)-octadecadienoic acid from linoleic acid by recombinant cells expressing H1004A-C1006S variant of <i>Aspergillus nidulans</i> diol synthase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2015</b> , 115, 35-42		8
62	Reduction of galactose inhibition via the mutation of $\beta$ -galactosidase from <i>Caldicellulosiruptor saccharolyticus</i> for lactose hydrolysis. <i>Biotechnology Letters</i> , <b>2011</b> , 33, 353-8	3	8
61	Hydrophobicity of residue 108 specifically affects the affinity of human beta-carotene 15,15 $\beta$ -monooxygenase for substrates with two ionone rings. <i>Biotechnology Letters</i> , <b>2010</b> , 32, 847-53	3	8
60	Production of ginsenoside Rd from ginsenoside Rc by $\beta$ -L-arabinofuranosidase from <i>Caldicellulosiruptor saccharolyticus</i> . <i>Journal of Microbiology and Biotechnology</i> , <b>2013</b> , 23, 483-8	3.3	8
59	15-Hydroxyeicosatetraenoic Acid Inhibits Phorbol-12-Myristate-13-Acetate-Induced MUC5AC Expression in NCI-H292 Respiratory Epithelial Cells. <i>Journal of Microbiology and Biotechnology</i> , <b>2015</b> , 25, 589-97	3.3	8
58	Biotransformation of Protopanaxadiol-Type Ginsenosides in Korean Ginseng Extract into Food-Available Compound K by an Extracellular Enzyme from. <i>Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 30, 1560-1567	3.3	8
57	Characterization of L-rhamnose isomerase from <i>Clostridium stercorarium</i> and its application to the production of D-allose from D-allulose (D-psicose). <i>Biotechnology Letters</i> , <b>2018</b> , 40, 325-334	3	8
56	Enhanced Production of $\beta$ -D-glycosidase and $\beta$ -L-arabinofuranosidase in Recombinant <i>Escherichia coli</i> in Fed-batch Culture for the Biotransformation of Ginseng Leaf Extract to Ginsenoside Compound K. <i>Biotechnology and Bioprocess Engineering</i> , <b>2018</b> , 23, 183-193	3.1	8
55	Production of 10-hydroxy-12,15(Z,Z)-octadecadienoic acid from $\beta$ -linolenic acid by permeabilized <i>Stenotrophomonas nitritireducens</i> cells. <i>Biotechnology Letters</i> , <b>2015</b> , 37, 2271-7	3	7
54	L-Arabinose production from sugar beet arabinan by immobilized endo- and exo-arabinanases from <i>Caldicellulosiruptor saccharolyticus</i> in a packed-bed reactor. <i>Journal of Bioscience and Bioengineering</i> , <b>2012</b> , 113, 239-41	3.3	7
53	Stereospecific production of 9R-hydroxy-10E,12Z-octadecadienoic acid from linoleic acid by recombinant <i>Escherichia coli</i> cells expressing 9R-lipoxygenase from <i>Nostoc</i> sp. SAG 25.82. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2014</b> , 104, 56-63		7
52	Enzymatic production of 15-hydroxyeicosatetraenoic acid from arachidonic acid by using soybean lipoxygenase. <i>Journal of Microbiology and Biotechnology</i> , <b>2014</b> , 24, 359-62	3.3	7
51	Complete Bioconversion of Protopanaxadiol-Type Ginsenosides to Compound K by Extracellular Enzymes from the Isolated Strain. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 315-324	5.7	7
50	Characterization of alcohol dehydrogenase from <i>Kangiella koreensis</i> and its application to production of all-trans-retinol. <i>Biotechnology Letters</i> , <b>2015</b> , 37, 849-56	3	6

49	PKC $\alpha$ is a target of 7,8,4-trihydroxyisoflavone for the suppression of UVB-induced MMP-1 expression. <i>Experimental Dermatology</i> , <b>2018</b> , 27, 449-452	4	6
48	Molecular characterization of an aldo-keto reductase from <i>Marivirga tractuosa</i> that converts retinal to retinol. <i>Journal of Biotechnology</i> , <b>2014</b> , 169, 23-33	3.7	6
47	Structure-based prediction and identification of 4-epimerization activity of phosphate sugars in class II aldolases. <i>Scientific Reports</i> , <b>2017</b> , 7, 1934	4.9	6
46	Molecular characterization of a novel thermostable mannose-6-phosphate isomerase from <i>Thermus thermophilus</i> . <i>Biochimie</i> , <b>2011</b> , 93, 1659-67	4.6	6
45	Characterization of an acid-labile, thermostable beta-glycosidase from <i>Thermoplasma acidophilum</i> . <i>Biotechnology Letters</i> , <b>2009</b> , 31, 1457-62	3	6
44	Biotransformation of Glycosylated Saponins in Balloon Flower Root Extract into 3-O-Glucopyranosyl Platycosides by Deglycosylation of Pectinase from. <i>Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 30, 946-954	3.3	6
43	Increased Production of $\Delta^9$ -Hydroxynonanoic Acid and $\Delta^9$ -Nonanedioic Acid from Olive Oil by a Constructed Biocatalytic System. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 9488-9495	5.7	6
42	Production of 8,11-dihydroxy and 8-hydroxy unsaturated fatty acids from unsaturated fatty acids by recombinant <i>Escherichia coli</i> expressing 8,11-linoleate diol synthase from <i>Penicillium chrysogenum</i> . <i>Biotechnology Progress</i> , <b>2017</b> , 33, 390-396	2.8	5
41	Production of 7,8-Dihydroxy Unsaturated Fatty Acids from Plant Oils by Whole Recombinant Cells Expressing 7,8-Linoleate Diol Synthase from <i>Glomerella cingulata</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 8555-8562	5.7	5
40	13-Hydroxy-9Z,15Z-Octadecadienoic Acid Production by Recombinant Cells Expressing <i>Lactobacillus acidophilus</i> 13-Hydratase. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2016</b> , 93, 649-655	1.8	5
39	Crystal structures of an atypical aldehyde dehydrogenase having bidirectional oxidizing and reducing activities. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 816-824	7.9	5
38	Characterization of an apo-carotenoid 13,14-dioxygenase from <i>Novosphingobium aromaticivorans</i> that converts $\beta$ -apo-8'-carotenal to $\beta$ -apo-13'-carotenone. <i>Biotechnology Letters</i> , <b>2012</b> , 34, 1851-6	3	5
37	Production of epigallocatechin gallate 7-O- $\alpha$ -D-glucopyranoside (EGCG-G1) using the glucosyltransferase from <i>Leuconostoc mesenteroides</i> . <i>Biotechnology Progress</i> , <b>2007</b> , 23, 1082-6	2.8	5
36	Crystallographic snapshots of active site metal shift in <i>E. coli</i> fructose 1,6-bisphosphate aldolase. <i>BMB Reports</i> , <b>2016</b> , 49, 681-686	5.5	5
35	Construction of an engineered biocatalyst system for the production of medium-chain $\alpha$ -dicarboxylic acids from medium-chain $\beta$ -hydroxycarboxylic acids. <i>Biotechnology and Bioengineering</i> , <b>2020</b> , 117, 2648-2657	4.9	5
34	5,8-Dihydroxy-9,12,15(Z,Z,Z)-Octadecatrienoic Acid Production by Recombinant Cells Expressing <i>Aspergillus nidulans</i> Diol Synthase. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2015</b> , 92, 193-202 <sup>18</sup>	1.8	4
33	Production of 10S-hydroxy-8(E)-octadecenoic acid from oleic acid by whole recombinant <i>Escherichia coli</i> cells expressing 10S-dioxygenase from <i>Nostoc punctiforme</i> PCC 73102 with the aid of a chaperone. <i>Biotechnology Letters</i> , <b>2017</b> , 39, 133-139	3	4
32	Production of 8S- and 10S-hydroxy polyunsaturated fatty acids by recombinant <i>Escherichia coli</i> cells expressing mouse arachidonate 8S-lipoxygenase. <i>Biotechnology Letters</i> , <b>2019</b> , 41, 575-582	3	3

31	Production of 10R-hydroxy unsaturated fatty acids from hempseed oil hydrolyzate by recombinant <i>Escherichia coli</i> cells expressing PpoC from <i>Aspergillus nidulans</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 7933-44	5.7	3
30	Complete conversion of all typical glycosylated protopanaxatriol ginsenosides to aglycon protopanaxatriol by combined bacterial $\beta$ glycosidases. <i>AMB Express</i> , <b>2018</b> , 8, 8	4.1	3
29	Biotransformation of fatty acid-rich tree oil hydrolysates to hydroxy fatty acid-rich hydrolysates by hydroxylases and their feasibility as biosurfactants. <i>Biotechnology and Bioprocess Engineering</i> , <b>2017</b> , 22, 709-716	3.1	3
28	Production of 5,8-dihydroxy-9(Z)-octadecenoic acid from oleic acid by whole recombinant cells of <i>Aspergillus nidulans</i> expressing diol synthase. <i>Biotechnology Letters</i> , <b>2015</b> , 37, 131-7	3	3
27	Optimization of octanoic acid and sulfur donor concentrations for lipoic acid production by <i>Pseudomonas reptilivora</i> . <i>Biotechnology Letters</i> , <b>2008</b> , 30, 1825-8	3	3
26	Enzyme Access Tunnel Engineering in Baeyer-Villiger Monooxygenases to Improve Oxidative Stability and Biocatalyst Performance. <i>Advanced Synthesis and Catalysis</i> ,	5.6	3
25	Molecular characterization of <i>Penicillium oxalicum</i> 6R,8R-linoleate diol synthase with new regioselectivity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2019</b> , 1864, 577-586	5	3
24	Cloning and characterization of $\beta$ -L-rhamnosidase from <i>Chloroflexus aurantiacus</i> and its application in the production of isoquercitrin from rutin. <i>Biotechnology Letters</i> , <b>2019</b> , 41, 419-426	3	2
23	Bioconversion of arachidonic acid into human 14,15-hepoxilin B and 13,14,15-trioxilin B by recombinant cells expressing microbial 15-lipoxygenase without and with epoxide hydrolase. <i>Biotechnology Letters</i> , <b>2020</b> , 42, 2001-2009	3	2
22	High concentration cultivation of <i>Bifidobacterium bifidum</i> in a submerged membrane bioreactor. <i>Biotechnology Progress</i> , <b>2006</b> , 22, 1591-7	2.8	2
21	Resolvin D5, a Lipid Mediator, Inhibits Production of Interleukin-6 and CCL5 Via the ERK-NF- $\kappa$ B Signaling Pathway in Lipopolysaccharide-Stimulated THP-1 Cells. <i>Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 30, 85-92	3.3	2
20	Development of Tagaturonate 3-Epimerase into Tagatose 4-Epimerase with a Biocatalytic Route from Fructose to Tagatose. <i>ACS Catalysis</i> , <b>2020</b> , 10, 12212-12222	13.1	2
19	Production of Bioactive Deapiosylated Platycosides from Glycosylated Platycosides in Balloon Flower Root Using the Crude Enzyme from the Food-Available Fungus. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 4766-4777	5.7	2
18	Biocatalytic synthesis of dihydroxy fatty acids as lipid mediators from polyunsaturated fatty acids by double dioxygenation of the microbial 12S-lipoxygenase. <i>Biotechnology and Bioengineering</i> , <b>2021</b> , 118, 3094-3104	4.9	2
17	Chemoenzymatic Cascade Conversion of Linoleic Acid into a Secondary Fatty Alcohol Using a Combination of 13S-Lipoxygenase, Chemical Reduction, and a Photo-Activated Decarboxylase. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 10837-10845	8.3	2
16	Production of 6,8-Dihydroxy Fatty Acids by Recombinant <i>Escherichia coli</i> Expressing T879A Variant 6,8-Linoleate Diol Synthase from <i>Penicillium oxalicum</i> . <i>JAOCs, Journal of the American Oil Chemistso Society</i> , <b>2019</b> , 96, 663-669	1.8	1
15	Bakkenolides and Caffeoylquinic Acids from the Aerial Portion of and Their Bacterial Neuraminidase Inhibition Ability. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	1
14	Synergistic production of 20(S)-protopanaxadiol from protopanaxadiol-type ginsenosides by $\beta$ glycosidases from <i>Dictyoglomus turgidum</i> and <i>Caldicellulosiruptor bescii</i> . <i>AMB Express</i> , <b>2017</b> , 7, 219	4.1	1

13	Complete genome sequence of <i>Stenotrophomonas</i> sp. KACC 91585, an efficient bacterium for unsaturated fatty acid hydration. <i>Journal of Biotechnology</i> , <b>2017</b> , 241, 108-111	3.7	1
12	Complete Biotransformation of Protopanaxatriol-Type Ginsenosides in Leaf Extract to Aglycon Protopanaxatriol by $\beta$ -Glycosidases from <i>and</i> . <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 255-261	3.3	1
11	Fructuronate-tagaturonate epimerase UxaE from <i>Cohnella laeviribosi</i> has a versatile TIM-barrel scaffold suitable for a sugar metabolizing biocatalyst. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 163, 1369-1374	7.9	1
10	An integrative approach to improving the biocatalytic reactions of whole cells expressing recombinant enzymes. <i>World Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 37, 105	4.4	1
9	Improved Bioactivity of 3-O- $\beta$ -D-Glucopyranosyl Platycosides in Biotransformed Root Extract by Pectinase from <i>and</i> . <i>Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 31, 847-854	3.3	1
8	Highly efficient oxidation of plant oils to C18 trihydroxy fatty acids by <i>Escherichia coli</i> co-expressing lipoxygenase and epoxide hydrolase. <i>Green Chemistry</i> , <b>2022</b> , 24, 2062-2072	10	1
7	Production of Deglucose-Apiose-Xylosylated Platycosides from Glycosylated Platycosides by Crude Enzyme from <i>and</i> . <i>Journal of Microbiology and Biotechnology</i> , <b>2022</b> , 32, 1-8	3.3	1
6	An amino acid at position 512 in $\beta$ -glucosidase from <i>Clavibacter michiganensis</i> determines the regioselectivity for hydrolyzing gypenoside XVII. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 7987-7996	5.7	0
5	The DPA-derivative 11S, 17S-dihydroxy 7,9,13,15,19 (Z,E,Z,E,Z)-docosapentaenoic acid inhibits IL-6 production by inhibiting ROS production and ERK/NF- $\kappa$ B pathway in keratinocytes HaCaT stimulated with a fine dust PM <sub>10</sub> . <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 232, 113252	7	0
4	Regioselectivity of an arachidonate 9S-lipoxygenase from <i>Sphingopyxis macrogoltabida</i> that biosynthesizes 9S,15S- and 11S,17S-dihydroxy fatty acids from C20 and C22 polyunsaturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2021</b> , 1867, 159091	5	0
3	Production of 11 R -hydroxyeicosatetraenoic acid from arachidonic acid by <i>Escherichia coli</i> cells expressing arachidonate 11 R -lipoxygenase from <i>Nostoc</i> sp.. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2022</b> , 99, 289-297	1.8	0
2	Production of 8,11-dihydroxy fatty acids from oleic and palmitoleic acids by <i>Escherichia coli</i> cells expressing variant 6,8-linoleate diol synthases from <i>Penicillium oxalicum</i> .. <i>Biotechnology Progress</i> , <b>2022</b> , e3267	2.8	0
1	Production of Daidzein and Genistein from Seed and Root Extracts of Korean Wild Soybean ( <i>Glycine soja</i> ) by Thermostable $\beta$ -Galactosidase from <i>Thermoproteus uzoniensis</i> . <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 3481	2.6	