

Young Hoon Oh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11387947/publications.pdf>

Version: 2024-02-01

27
papers

1,209
citations

430442

18
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

1029
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.0	21
2	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.	3.2	83
3	Production of 5-aminovaleric acid in recombinant <i>Corynebacterium glutamicum</i> strains from a <i>Miscanthus</i> hydrolysate solution prepared by a newly developed <i>Miscanthus</i> hydrolysis process. <i>Bioresource Technology</i> , 2017, 245, 1692-1700.	4.8	45
4	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.	1.8	18
5	Biosynthesis of poly(2-hydroxyisovalerate-co-lactate) by metabolically engineered <i>Escherichia coli</i> . <i>Biotechnology Journal</i> , 2016, 11, 1572-1585.	1.8	25
6	Metabolic engineering of <i>Corynebacterium glutamicum</i> for enhanced production of 5-aminovaleric acid. <i>Microbial Cell Factories</i> , 2016, 15, 174.	1.9	96
7	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.	1.9	66
8	Construction of heterologous gene expression cassettes for the development of recombinant <i>Clostridium beijerinckii</i> . <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 555-563.	1.7	4
9	Biosynthesis of poly(2-hydroxybutyrate-co-lactate) in metabolically engineered <i>Escherichia coli</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 169-174.	1.4	25
10	Biosynthesis of Lactate-containing Polyhydroxyalkanoates in Recombinant <i>Escherichia coli</i> by Employing New CoA Transferases. <i>KSBB Journal</i> , 2016, 31, 27-32.	0.1	8
11	Construction of Synthetic Promoter-Based Expression Cassettes for the Production of Cadaverine in Recombinant <i>Corynebacterium glutamicum</i> . <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 2065-2075.	1.4	47
12	Development of rice bran treatment process and its use for the synthesis of polyhydroxyalkanoates from rice bran hydrolysate solution. <i>Bioresource Technology</i> , 2015, 181, 283-290.	4.8	42
13	Establishment of a biosynthesis pathway for (R)-3-hydroxyalkanoates in recombinant <i>Escherichia coli</i> . <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 702-706.	1.2	3
14	Recent advances in development of biomass pretreatment technologies used in biorefinery for the production of bio-based fuels, chemicals and polymers. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 1945-1959.	1.2	104
15	Optimized Transformation of Newly Constructed <i>Escherichia coli</i> - <i>Clostridia</i> Shuttle Vectors into <i>Clostridium beijerinckii</i> . <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 226-236.	1.4	6
16	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.	1.4	35
17	Metabolic engineering of <i>Ralstonia eutropha</i> for the production of polyhydroxyalkanoates from sucrose. <i>Biotechnology and Bioengineering</i> , 2015, 112, 638-643.	1.7	62
18	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.	1.8	64

#	ARTICLE	IF	CITATIONS
19	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.	1.7	76
20	Biosynthesis of Lactate-containing Polyhydroxyalkanoates in Recombinant <i>Escherichia coli</i> from Sucrose. <i>KSBB Journal</i> , 2014, 29, 443-447.	0.1	3
21	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.	1.7	113
22	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.	3.6	140
23	Metabolic engineering of <i>Ralstonia eutropha</i> for the biosynthesis of 2-hydroxyacid-containing polyhydroxyalkanoates. <i>Metabolic Engineering</i> , 2013, 20, 20-28.	3.6	63
24	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.	1.9	38
25	Isolation and Characterization of a Novel Agarase-Producing <i>Pseudoalteromonas</i> spp. Bacterium from the Guts of Spiny Turban Shells. <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 818-821.	0.9	10
26	Increased ethanol resistance in Ethanolic <i>Escherichia coli</i> by Insertion of heat-shock genes BEM1 and SOD2 from <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 770-776.	1.4	7
27	The effect of protectants and pH changes on the cellular growth and succinic acid yield of <i>Mannheimia succiniciproducens</i> LPK7. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 1677-80.	0.9	4